

ring bonds: 1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 7-10 8-9 9-12 10-11 11-12

exact/norm bonds:
5-7 6-9 7-8 7-10 8-9 9-12 10-11 11-12
normalized bonds:
1-2 1-6 2-3 3-4 4-5 5-6

Match level:

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom

```
=> d his
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(FILE 'HOME' ENTERED AT 14:38:57 ON 14 MAY 2004)

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FILE 'REGISTRY' ENTERED AT 14:39:09 ON 14 MAY 2004
                STRUCTURE UPLOADED
L1
L2
                OUE L1
L3
              1 S L2
            100 S 230615?/RN
L4
         578891 S 5-6-6/SZ
L5
         105840 S 5-5-6-6/SZ
L6
         384378 S 5-6-6-6/SZ
L7
           4152 S 4-5-6-6/SZ
\Gamma8
          22481 S 5-6-6-7/SZ
L9
          65762 S 5-5-6-6-6/SZ
L10
L11
        1158175 S L5 OR L6 OR L7 OR L8 OR L9 OR L10
L12
              2 S L2 SUB=L11 SAM
L13
            366 S L2 SUB=L11 FUL
     FILE 'CAPLUS' ENTERED AT 14:47:17 ON 14 MAY 2004
             23 S L13
L14
     FILE 'REGISTRY' ENTERED AT 14:47:39 ON 14 MAY 2004
     FILE 'CAOLD' ENTERED AT 14:48:24 ON 14 MAY 2004
L15
              0 S L13
     FILE 'CAPLUS' ENTERED AT 14:48:31 ON 14 MAY 2004
     FILE 'REGISTRY' ENTERED AT 14:49:37 ON 14 MAY 2004
                STRUCTURE UPLOADED
L16
L17
                QUE L16
L18
              2 S L17 SUB=L11 SAM
            370 S L17 SUB=L11 FUL
L19
L20
              4 S L19 NOT L13
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FILE 'CAPLUS' ENTERED AT 14:50:49 ON 14 MAY 2004

L21 14 S L20

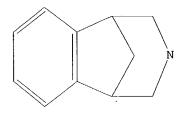
L22 23 S L14 OR L21

=> d 12

L2 HAS NO ANSWERS

L1 STR

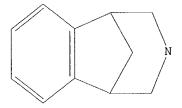
Α



Structure attributes must be viewed using STN Express query preparation.

L2 QUE ABB=ON PLU=ON L1

=> d 117 L17 HAS NO ANSWERS L16 STR



Structure attributes must be viewed using STN Express query preparation. L17 $\,$ QUE ABB=ON PLU=ON L16 $\,$

=> d ibib abs hitstr 1-23

ACCESSION NUMBER:

DOCUMENT NUMBER:

140:144688

140:144688

140:144688

140:144688

140:144688

140:144688

140:144688

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140:1 PATENT NO. KIND DATE APPLICATION NO. DATE

addiction such as nicotine. Compns. and conjugates of the invention are useful for inducing immune responses against haptens, which can use useful in a variety of therapeutic, prophylactic and diagnostic regimens. In certain embodiments, immune responses generated using the conjugates, compns. and methods of the present invention are useful to prevent or treat addiction to drugs of abuse and the resultant diseases associated with drug addiction.

treat addiction to drugs of abuse and the resultant diseases associated vidrug addiction.

249296-44-4D, Varenicline, salts and optical isomers

375913-97-5, Varenicline tatriate
RL: ANT (Analyte): BSU (Biological study, unclassified); DGN (Diagnostic use): THU (Therapeutic use): ANST (Analytical study); BIOL (Biological study): SES (Uses)

(hapten-carrier conjugates comprising a hormone, toxin, or drug and a core particle of bacteriophage protein for diagnosis and therapy)

249296-44-4 CAPLUS
6,10-Methano-GH-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-(9CI)
(CA INDEX NAME)

ACCESSION NUMBER: 2 OF 23 CAPLUS COPYRIGHT 2004 ACS ON STN ACCESSION NUMBER: 2003:622565 CAPLUS COPUMENT NUMBER: 139:179986 TITLE: Preparation of arv1-fused area.

INVENTOR(5) PATENT ASSIGNEE(S): SOURCE: 139:179986
Preparation of aryl-fused azapolycyclic compounds for reducing nicotine addiction
Coe, Jotham Wadsworth; Brooks, Paige Roanne Palmer Pfizer Inc, USA
U.S., 39 pp., Cont.-in-part of Appl. No.
PCT/ISB9/01813.
CODEN: USXXAM

DOCUMENT TYPE: EANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

APPLICATION NO. DATE PATENT NO. KIND DATE BJ, CF, CG, CI, CM, GA, GN, GP, ..., ...

BJ, CF, CG, CI, CM, GA, GN, GP, ..., ...

BR 2001008610 A 20021119 BR 2001-85160 20010209

EP 125948 B, CI, CD, DE, NO, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,

IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

JP 2003524002 T2 20030812 BE 2002-475 20010208

EE 200200475 A 20031215 BE 2002-475 20010208

EE 2002006768 A 20030420 ZA 2002-4768 20020082

NO 2002004042 A 20021017 NO 2002-4042 20020822

NO 2002004042 A 20021017 US 2003-336508 20030103

US 2003130260 A1 20030710 US 2003-336508 20030103

US 2003130260 A1 20030710 US 2003-336508 20030103

US 2003130260 A1 20030710 US 2003-336502 20030103

US 2003130260 A1 20030710 US 2003-336502 20030103

US 2003130260 A1 20030710 US 2003-336502 20030103

US 2003-346508 A2 20002256

US 2005-14002 A 20000225 EE 2002004/5
BG 106908
ZA 2002006768
NO 2002004042
US 2003130261
US 2003130260
PRIORITY APPLN. INFO.:

OTHER SOURCE(S):

L22 ANSWER 1 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

$$\prod_{i\in N} \prod_{j\in N} n_j$$

375815-87-5 CAPLUS 6,10-Methano-GH-pyrazino(2,3-h)[3]benzazepine, 7,8,9,10-tetrahydro-(2R,3R)-2,3-dihydroxybutanedioate (1:1) (9C1) (CA INDEX NAME)

CM 1

CRN 249296-44-4 CMF C13 H13 N3

2 CM

Absolute stereochemistry.

122 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

The invention discloses the preparation of aryl-fused azapolycyclic compds., such as I [RI = H. alkyl. unconjugated alkenyl. benzyl. X(CO)RI3, CH2CH2O-alkyl: R2, R3 = H. alkenyl. alkynyl. OH, NO2, NH2, halo, CN, etc.; or R2 and R3, together with the carbons to which they are attached, form a 4-7 membered monocyclic ring or a 10-14 membered bicyclic ring, R13 = H, alkyl: X = alkylene] and their pharmaceutically acceptable salits, as nicotine binding inhibitors (ICSO < 10 µM) in the treatment of neurol, and psychol. disorders. Thus, aryl-fused azapolycyclic compound I (R1-R3 = H) was prepared via a multistep synthetic sequence starting from 2-fuorobrombase as a multistep synthetic sequence starting from 2-fuorobrombase 2-fuoro

328055-86-3 CAPLUS 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-nitro- (9CI) (CA INDEX NAME)

328055-99-8 CAPLUS 1,5-Methano-1H-3-benzazepine, 7,8-dichloro-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

L22 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

357424-19-2 CAPLUS 6,10-Methano-6H-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-2,3-dimethyl-(9C1) (CA INDEX NAME)

357424-20-5 CAPLUS 5,9-Methano-5H-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro- (9CI) (CA INDEX NAME)

9718-72-5P 230614-99-0P 230615-00-6P
230615-01-7P 230615-02-8P 230615-03-9P
230615-01-7P 230615-02-8P 230615-03-9P
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230615-31-31-3P
230615-66-6P 337425-83-3P
230615-31-3P 337425-69-2P
357422-86-8P 337425-86-6P 357425-39-5P
RL: PRC (Pharmacological activity)) SPR

RI: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of aryl-fused azapolycyclic compds. as nicotine binding

L22 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)
inhibitors)
RN 69718-72-5 CAPLUS
CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

230614-99-0 CAPLUS 1,5-Methano-IH-3-Denzazepine, 7-fluoro-2,3,4,5-tetrahydro-, hydrochloride (GCI) (CA INDEX NAME)

• HCl

230615-00-6 CAPLUS 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-methyl-, hydrochloride (9C1) (CA INDEX NAME)

• HCl

230615-01-7 CAPLUS 1,5-Methano-IH-3-benzazepine, 2,3,4,5-tetrahydro-7-(trifluoromethyl)-, hydrochloride (9C1) (CA INDEX NAME)

L22 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

• HCl

230615-02-8 CAPLUS 1,5-Methano-IH-3-benzazepine, 2,3,4,5-tetrahydro-6-(trifluoromethyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HC1

230615-03-9 CAPLUS 1,5-Methano-IH-3-benzazepine, 6-fluoro-2,3,4,5-tetrahydro-, hydrochloride (SC1) (CA INDEX NAME)



230615-04-0 CAPLUS
1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-nitro-,
monohydrochloride (9CI) (CA INDEX NAME)

L22 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

● HC1

230615-05-1 CAPLUS 1,5-Methano-1H-3-benzazepin-7-amine, 2,3,4,5-tetrahydro-, monohydrochloride (9CI) (CA INDEX NAME)

● HC1

230615-06-2 CAPLUS Acetamide, N-(2,3,4,5-tetrahydro-1,5-methano-1H-3-benzazepin-7-y1)-, monohydrochloride (9C1) (CA INDEX NAME)

230615-07-3 CAPLUS 5,9-Methano-SH-thiazolo[4,5-h][3]benzazapine, 6,7,8,9-tetrahydro-2-methyl-monohydrochloride (9CI) (CA INDEX NAME)

HC1

L22 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

RN 230615-09-5 CAPLUS
CN 5,9-Hethanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-1-propyl-, monohydrochloride (9CI) (CA INDEX NAME)

• HCl

RN 230615-10-8 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-,
monohydrochloride (9CI) (CA INDEX NAME)

• HC1

RN 230615-11-9 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydco-1-methyl-,
monohydrochloride (9CI) (CA INDEX NAME)

• HCl

RN 230615-12-0 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-,

L22 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued) n-Bu

• HCl

RN 230615-16-4 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1-(2-methylpropyl)-, monohydrochloride (9CI) (CA INDEX NAME)

• HCl

RN 230615-17-5 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1-phenyl-,
monohydrochloride (9CI) (CA INDEX NAME)

• HC1

RN 230615-18-6 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-1-phenyl-, monohydrochloride (9CI) (CA INDEX NAME)

L22 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued) monohydrochloride (9CI) (CA INDEX NAME)

● HC

RN 230615-13-1 CAPLUS CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8;9-hexahydro-1,2dimethyl-, mondydrochloride (9CI) (CA INDEX NAME)

• HC

RN 230615-14-2 CAPLUS
CN 5,9-Methanoinidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1-propyl-, monohydrochloride (9CI) (CA INDEX NAME)

HC1

RN 230615-15-3 CAPLUS
CN 5,9-Hethanoimidazo[4,5-h][3]benzazepine, 1-butyl-1,5,6,7,8,9-hexahydro-,
monohydrochloride (9CI) (CA INDEX NAME)

L22 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

• HCl

RN 230615-19-7 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-1(2-methylpropyl)-, monohydrochloride (9CI) (CA INDEX NAME)

● HCl

RN 230615-20-0 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1-(2,2-dimethylpropyl)1,5,6,7,8,9-hexhydro-2-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

• HCl

RN 230615-21-1 CAPLUS CN 6,10-Methano-68:-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-2,3-dimethyl-, monhydrochloride (SCI) (CA INDEX NAME)

L22 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

HN Me

● HC1

RN 230615-22-2 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1-{2,2-dimethylpropyl}-1,5,6,7,8,9-hexahydro-, monohydrochloride (9C1) (CA INDEX NAME)

Me3C-CH2

● HCl

RN 230615-23-3 CAPLUS
CN 6,10-Methano-6H-pyrazino[2,3-h][3]benzazepine, 6,7,8,9-tetrahydro-,
monohydrochloride (9CI) (CA INDEX NAME)

HN N

• HCl

RN 230615-24-4 CAPLUS CN 6,10-Methano-6H-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-8-methyl-, monbydrochloride (9CI) [CA INDEX NAME]

L22 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

● HCl

RN 230615-28-8 CAPLUS
CN 1,5-Methano-IH-3-benzazepine, 7-chloro-2,3,4,5-tetrahydro-, hydrochloride
(9C1) (CA INDEX NAME)

HN C

• HCl

RN 230615-29-9 CAPLUS CN 1,5-Hethano-1H-3-benzazepine-7-carbonitrile, 2,3,4,5-tetrahydromonohydrochloride (9CI) (CA INDEX NAME)

HN

• HC1

RN 230615-30-2 CAPLUS CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-(5-methyl-1,2,4-oxadia2ol-3-yl)-, monohydrochloride (9CI) (CA INDEX NAME) L22 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

Me N N

• HC

RN 230615-25-5 CAPLUS
CN 5,9-Methan-SH-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydto-,
monohydrochloride (9CI) (CA INDEX NAME)

NI O

● HC

RN 230615-26-6 CAPLUS CN 5,9-Methano-SH-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-2-methyl-, monohydrochloride [9CI) (CA INDEX NAME)

Me N NH

• HCl

RN 230615-27-7 CAPLUS
CN Benzamide, 2-fluoro-N-(2,3,4,5-tetrahydro-8-hydroxy-1,5-methano-1H-3-benzazepin-7-yl)-, monohydrochloride (9CI) (CA INDEX NAME)

L22 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continue

• HC1

RN 230615-31-3 CAPLUS
CN Ethanone, 1-(2,3,4,5-tetrahydro-1,5-methano-1H-3-benzazepin-7-yl)-,
hydrochloride (9CI) (CA INDEX NAME)

HN

● HCl

RN 230615-32-4 CAPLUS
CN 1,5-Methano-lH-3-benzazepin-7-ol, 2,3,4,5-tetrahydro-, hydrochloride (9CI)
(CA INDEX NAME)

HN OH

• HCl

RN 230615-33-5 CAPLUS
CN 5,9-Methano-5H-isoxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-3-methyl, monbydrochloride (9CI) (CA INDEX NAME)

L22 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

Me N N N

● HCl

RN 230615-34-6 CAPLUS
CN 1,5-Methano-IH-3-benzazepine, 2,3,4,5-tetrahydro-7-(1-methyl-1H-pyrazol-5-yl)-, monohydrochloride (9CI) (CA INDEX NAME)



• HC1

RN 230615-35-7 CAPLUS
CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-(1-methyl-1H-pyrazol-3-yl)-, monohydrochloride (9C1) (CA INDEX NAME)

● HC1

RN 230615-36-8 CAPLUS CN 1,5-Hethano-IH-3-benzazepine, 7,8-dichloro-2,3,4,5-tetrahydro-, hydrochloride (9C1) (CAINDEX NAME)

L22 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

• HCl

RN 230615-40-4 CAPLUS
CN 5,9-Methano-ZH-oxazolo[4,5-h][3]benzazepin-2-one, 3,5,6,7,8,9-hexahydro-, monohydrochloride [9CI] (CA INDEX NAME)

NH NH

• HCl

RN 230615-41-5 CAPLUS
CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-6-phenyl-, hydrochloride
(9CI) (CA INDEX NAME)

IN The

• HCl

RN 230615-42-6 CAPLUS
CN 1,5-Methano-1H-3-benzazepin-6-o1, 2,3,4,5-tetrahydro-, hydrochloride (9CI) (CA TNDEX NAME)

L22 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

HN C

● HC1

RN 230615-37-9 CAPLUS
CN 1,5-Methano-IH-3-benzazepine-7-sulfonamide, 2,3,4,5-tetrahydro-N.N-dimethyl-, monohydrochloride (9CI) (CA INDEX NAME)

• HC1

RN 230615-38-0 CAPLUS
CN Pyrrolldine, 1-[(2,3,4,5-tetrahydro-1,5-methano-1H-3-benzazepin-7yl)sulfonyl)-, monohydrochloride (9CI) (CA INDEX NAME)

● HCl

RN 230615-39-1 CAPLUS
CN 5,9-Methanopyrrolo(2,3-h)[3]benzazepin-2(1H)-one, 3,5,6,7,8,9-hexahydro-,
monohydrochloride (9C1) (CA INDEX NAME)

L22 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

• HC1

RN 230615-43-7 CAPLUS CN 1,5-Methano-IH-3-benzazepine, 7,8-difluoro-2,3,4,5-tetrahydro-, hydrochloride (9CI) (CA INDEX NAME)

HN

• HCl

RN 230615-44-8 CAPLUS
CN 5,9-Methano-5H-oxazolo(4,5-h)[3]benzazepine, 2-ethyl-6,7,8,9-tetrahydro-monohydrochloride (9C1) (CA INDEX NAME)

Et N

• HCl

RN 230615-45-9 CAPLUS
CN 5,9-Methano-5H-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-2-(1-methylethyl)-, monohydrochloride (9CI) (CA INDEX NAME)

L22 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

i-Pr NH

● HC

RN 230615-46-0 CAPLUS
CN 5,9-Methano-5H-0xazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-2(phenylmethyl)-, omonbydrochloride (9CI) (CA INOEX NAME)

Ph-CH₂

• HCl

RN 230615-75-5 CAPLUS CN 5,9-Methano-5H-Oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-2-methyl-(9C1) (CA INDEX NAME)

Me NH

RN 357425-82-2 CAPLUS
CN 6.10-Methano-6H-pyrido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-dihydrochloride [9C1] (CA INDEX NAME)

HN

●2 HC1

L22 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

HN He

●2 HC1

RN 357425-88-8 CAPLUS
CN 6,10-Methano-2H-pyrido[2,3-h][3]benzazepin-2-one, 1,6,7,8,9,10-hexahydro-,dihydrochloride (9C1) (CA INDEX NAME)

HN

●2 HC1

RN 357425-89-9 CAPLUS
CN 6,10-Methano-6H-pyrido[2,3-h][3]benzazepine, 2-chloro-7,8,9,10-tetrahydro, monbydrochloride (9C1) (CA INDEX NAME)

HN CI

• HCl

N 357425-90-2 CAPLUS N 6,10-Methano-GH-pyrido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-2-methoxy-, monohyd-ochloride (9CI) (CA INDEX NAMS) L22 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

RN 357425-83-3 CAPLUS CN 6,10-Hethano-6H-pyrido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-2-methyl-, dihydrochloride [9CI) (CA INDEX NAME)

IN N M

●2 HC1

RN 357425-84-4 CAPLUS
CN 6,10-Methano-6H-pycido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-3-methyl, monohydrochloride (9CI) (CA INDEX NAME)

IN N

● HCl

RN 357425-86-6 CAPLUS
CN 6,10-Methano-6H-pyrido[2,3-h][3]benzazepine, 3-ethyl-7,8,9,10-tetrahydro-,
dihydrochloride (9CI) (CA INDEX NAME)

HN Et

●2 HCl

RN 357425-87-7 CAPLUS
CN 6,10-Methano-6H-pyrido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-4-methyl, dihydrochlorid (9CI) (CA INDEX NAME)

L22 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

HN OM

• HCl

RN 357425-91-3 CAPLUS
CN 6,10-Methano-GH-pyrido[2,3-h][3]benzazepine, 2-chloro-5-fluoro-7,8,9,10-tetrahydro-, monohydrochloride (9CI) (CA INDEX NAME)

HN N C

• HCl

RN 357425-92-4 CAPLUS
CN 6,10-Methano-2H-pyrazino[2,3-h][3]benzazepin-2-one, 1,6,7,8,9,10-hexahydro, monohydrochloride (9CI) (CA INDEX NAME)

HN H

● HC1

RN 357425-93-5 CAPLUS
CN 1,5-Methano-IH-3-benzazepine, 2,3,4,5-tetrahydro-, 4-methylbenzenesulfonate (9CI) (CA INDEX NAME)

СЖ 1

CRN 69718-72-5 CMF C11 H13 N

L22 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

CM 2

CRN 104-15-4 CMF C7 H8 O3 S

230615-52-8 357426-15-4 357426-16-5
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of aryl-fused azapolycyclic compds. as nicotine binding inhibitors)
230615-52-8 CAPLUS
1,5-Mcthano-IH-3-benzazepine, 2,3,4,5-tetrahydro-, hydrochloride (9CI)
(CA INDEX NAME)

357426-15-4 CAPLUS Ethanethioamide, 2.2,2-trifluoro-N-[2,3,4,5-tetrahydro-3-(2,2,2-trifluoro-1-thioxoethyl)-1,5-methano-1H-3-benzazepin-7-yl]- (9C1) (CA INDEX NAME)

L22 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

230615-51-7 CAPLUS 1,5-Methano-IH-3-benzazepine, 2,3,4,5-tetrahydro-3-(trifluoroacetyl)-(9C1) (CA INDEX NAME)

230615-53-9 CAPLUS
1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-nitro-3-(trifluoroacety1)- (9CI) (CA INDEX NAME)

230615-56-2 CAPLUS 1,5-Methano-1H-3-benzazepin-7-amine, 2,3,4,5-tetrahydro-3-(trifluoroacety1)- (9CI) (CA INDEX NAME)

230615-57-3 CAPLUS Acetamide, N-[2,3,4,5-tetrahydro-3-{trifluoroacetyl}-1,5-methano-1H-3-berazepin-7-y1]- (9CI) (CA INDEX NAME)

RN 230615-59-5 CAPLUS

Page 9

ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued) 357426-16-5 CAPLUS 5,9-Methano-5H-thiazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-2-methyl-(9CI) (CA INDEX NAME)

230615-48-2P 230615-50-6P 230615-51-7P 230615-33-9P 230615-56-2P 230615-57-3P 230615-55-2P 230615-57-3P 230615-59-5P 230615-60-8P 230615-61-2P 230615-65-2P 230615-65-3P 230615-66-4P 230615-66-4P 230615-66-4P 230615-67-2P 230615-79-2P 230615-80-2P 23061

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT RI: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RAC (Reactant or reagent) (preparation of aryl-fused azapolycyclic compds. as nicotine binding inhibitors)
230615-48-2 CAPUS
1,5-Methano-IR-3-benzazepine, 2,3,4,5-tetrahydro-3-(phenylmethyl) - (9CI) (CA INDEX NAME)

230615-50-6 CAPLUS
1,5-Hethano-IH-3-benzazepine, 7-fluoro-2,3,4,5-tetrahydro-3-(phenylmethyl)-(GCI) (CA INDEX NAME)

L22 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continuous 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7,8-dinitro-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME) (Continued)

230615-60-8 CAPLUS 1,5-Methano-JH-3-benzazepine-3-carboxylic acid, 1,2,4,5-tetrahydro-7,8-dinitro-, 1,1-dimethylethyl ester (9C1) (CA INDEX NAME)

230615-61-9 CAPLUS
1,5-Methano-3H-3-benzazepine-3-carboxylic acid, 7,8-diamino-1,2,4,5-tetrahydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

230615-62-0 CAPLUS 5,9-Methanoimidazo[4,5-h][3]benzazepine-7(1H)-carboxylic acid, 5,6,8,9-tetahydro-2-methyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX

2,0013-03-1 CAPLUS
5,9-Methanoimidazo[4,5-h][3]benzazepine-7(1H)-carboxylic acid,
5,6,8,9-tettrahydro-2-methyl-1-propyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

L22 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

N-Pr | N-C-0Bu-t

RN 230615-64-2 CAPLUS
CN 5,9-Methanoimidazo{4,5-h}{3}benzazepine-7(IH)-carboxylic acid,
5,6,8,9-tetrahydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

N C-OBu-

RN 230615-65-3 CAPLUS CN 1.5-Methano-3H-3-benzazepine-3-carboxylic acid, 7-(butylamino)-1,2,4,5tetrahydro-8-nitro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAMS)

t-Buo-c NHBu-n

RN 230615-66-4 CAPLUS
CN 1.5-Methano-Hr-3-benzazepine-3-carboxylic acid, 7-amino-8-(butylamino)1.2.4.5-tetrahydror, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

t-BuO-C-N-NHBu-n

RN 230615-67-5 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine-7(IH)-carboxylic acid,
1-butyl-5,6,8,9-tetrahydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

L22 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued) (trifluoroacetyl) - (9CI) (CA INDEX NAME)

RN 230615-72-2 CAPLUS
CN 1,5-Hethano-1H-3-benzazepin-7-ol, 8-amino-2,3,4,5-tetrahydro-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)

F3C-C-NOH

RN 230615-73-3 CAPLUS
CN 5,9-Methano-SH-oxazolo(4,5-h)[3]benzazepine, 6,7,8,9-tetrahydro-7-(trifluoroacetyl)- (9C1) (CA INDEX NAME)

C-CF3

RN 230615-74-4 CAPLUS
CN 5,9-Hethano-5H-Oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-2-methyl-7(trifluoroacetyl)- (9C1) (CA INDEX NAME)

Me N C-CF3

RN 230615-77-7 CAPLUS
CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-iodo-3(trifluoroacetyl) - (9CI) (CA INDEX NAME)

L22 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

n-Bu N-C-OBu-t

RN 230615-68-6 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine-7(1H)-carboxylic acid,
5,6,8,9-tetrahydro-2-methyl-1-(2-methylpropyl)-, 1,1-dimethylethyl ester
(9CI) (CA INDEX NAME)

Me N C-OBu-t

RN 230615-69-7 CAPLUS
CN 1,5-Methano-1H-3-benzazepine-7,8-diamine, 2,3,4,5-tetrahydro-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)

F₃C-C N NH₂

RN 230615-70-0 CAPLUS CN 6,10-Methano-6H-pyrazino[2,3-h][3]benzazepine, 7.8,9,10-tetrahydro-8-(trifluoroacetyl)- [9C1) (CA INDEX NAME)

 $F_3C- \bigcup_{0}^{N} \bigvee_{N} \bigvee_{N}$

RN 230615-71-1 CAPLUS CN 1,5-Methano-1H-3-benzazepin-7-ol, 2,3,4,5-tetrahydro-8-nitro-3-

L22 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

F3C-C-N-1

RN 230615-78-9 CAPLUS
CN 1,5-Methano-3H-3-benzazepine-3-carboxylic acid, 1,2,4,5-tetrahydro-7-iodo, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

t-Buo-c-N

RN 230615-79-9 CAPLUS
CN 1.5-Methano-3H-3-benzazepine-3-carboxylic acid, 7-cyano-1,2,4,5-tetrahydro,1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

t-BuO-c N CN

RN 230615-80-2 CAPLUS
CN 1,5-Methano-1H-3-benzazepine, 7-acetyl-2,3,4,5-tetrahydro-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)

F₃C-C-N-AC

RN 230615-81-3 CAPLUS CN 1,5-Methano-3H-3-benzazepine-3-catboxylic acid, 7-acetyl-1,2,4,5tetralydro-, 1,1-dimethylethyl ester (9C1) (CA INDEX NAME)

t-BuO-C-N Ac

L22 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

230615-92-4 CAPLUS
1,5-Methano-1H-3-benzazepin-7-ol, 2,3,4,5-tetrahydro-3-(trifluoroacetyl)-, acetate (ester) (9CI) (CA INDEX NAME)

230615-83-5 CAPLUS 1,5-Methano-IH-3-benzszepin-7-ol, 2,3,4,5-tetrahydro-3-(trifluoroscetyl)-(9C1) (CA INDEX NAME)

230615-84-6 CAPLUS
1,5-Methano-1H-3-benzazepin-7-ol, 8-acetyl-2,3,4,5-tetrahydro-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME) RN CN

230615-85-7 CAPLUS
1,5-Methano-1H-3-benzazepin-7-ol, 2,3,4,5-tetrahydro-8-[1-(hydroxyimino)ethyl]-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)

L22 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)
CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-6-phenyl-3-(phenylmethyl)-(9C1) (CA INDEX NAME)

357425-94-6 CAPLUS Ethanethioamide, N-[2,3,4,5-tetrahydro-3-(2,2,2-trifluoro-1-thioxoethyl)-1,5-methano-1H-3-benzazepin-7-yl)- (9CI) (CA INDEX NAME)

$$F_{3C} = C - N$$

$$\downarrow NH - C - Me$$

$$\downarrow S$$

357425-95-7 CAPLUS 5,9-Methano-Sir-Oxazolo(4,5-h][3]benzazepine, 2-chloro-6,7,8,9-tetrahydro-7-(trifluoroacetyl)- (9CI) (CA INDEX NAME)

357425-96-8 CAPLUS Boronic acid, (2,3,4,5-tetrahydro-3-(phenylmethyl)-1,5-methano-1H-3-benzaepin-7-yl]- (SCI) (CA INDEX NAME)

357425-97-9 CAPLUS
1,5-Methano-IH-3-benzazepin-7-ol, 2,3,4,5-tetrahydro-3-(phenylmethyl)-(9CI) (CA INDEX NAME)

L22 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)
RN 230615-86-8 CAPLUS
CN 5,9-Methano-5H-isoxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-3-methyl7-(trifluoroacetyl)- (9CI) (CA INDEX NAME)

230615-88-0 CAPLUS
1,5-Methano-II-3-benzazepine, 7,8-dichloro-2,3,4,5-tetrahydro-3-(trifluoroacety1)- (9CI) (CA INDEX NAME)

230615-89-1 CAPLUS 1,5-Methano-1H-3-benzazepine-7-sulfonyl chloride, 2,3,4,5-tetrahydro-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)

230615-92-6 CAPLUS 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-6-iodo-3-(phenylmethyl)-(9CI) (CA INDEX NAME)

230615-93-7 CAPLUS

L22 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

357425-98-0 CAPLUS 6,10-Methano-6H-pyrido(2,3-h)[3]benzazepine, 7,8,9,10-tetrahydro-8-(trifluoroacety1)- (9C1) (CA INDEX NAME)

357425-99-1 CAPLUS 6,10-Methano-Git-pyrido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-2-methyl-8-(triflucroacetyl)- (9CI) (CA INDEX NAME)

357426-00-7 CAPLUS 6,10-Methano-6ff-pyrido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-3-methyl-8-(trifluoroacetyl)- (9CI) {CA INDEX NAME}

357426-01-8 CAPLUS 6,10-Methano-GH-Dyrido[2,3-h][3]benzazepine, 3-ethyl-7,8,9,10-tetrahydro-8-trifluoroacetyl)- (9CI) (CA INDEX NAME)

ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS ON STN (Continued)
357426-02-9 CAPLUS
6,10-Nethano-6H-pyrido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-4-methyl-8-(trifluuroacetyi)- (9CI) (CA INDEX NAME)

357426-04-1 CAPLUS
Propanamide, 3,-dimethoxy-N-[2,3,4,5-tetrahydro-3-{trifluoroacetyl}-1,5-methano-1H-3-benzazepin-7-yl]- (9CI) (CA INDEX NAME)

357426-05-2 CAPLUS 6,10-Methano-2H-pyrido[2,3-h][3]benzazepin-2-one, 1,6,7,8,9,10-hexahydro-8-trifluoroacetyl)- (9CI) (CA INDEX NAME)

357426-06-3 CAPLUS 6,10-Methano-6H:pyrido[2,3-h][3]benzazepine, 2-chloro-7,8,9,10-tetrahydro-8-(trifluoroacetyl)- (9CI) (CA INDEX NAME)

RN 357426-07-4 CAPLUS

ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)
1,5-Hethano-2H-3-benzazepin-2-one, 1,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

357426-17-6 CAPLUS 5,9-Methanoimidazo[4,5-h][3]benzazepine-7(lH)-carboxylic acid, 1-(2,2-dimethylpropyl)-5,6,8,9-tetrahydro-, 1,1-dimethylethyl ester, monohydrochloride (9CI) (CA INDEX NAME)

357426-18-7 CAPLUS
5,9-Methanoimidazo[4,5-h][3]benzazepine-7(1H)-carboxylic acid,
1-(2,2-dimethylpropyl)-5,6,8,9-tetrahydro-2-methyl-, 1,1-dimethylethyl
ester, monohydrochloride (9CI) (CA INDEX NAME)

357426-19-8 CAPLUS 6,10-Methano-8H-pyrazino(2,3-h][3]benzazepine-8-carboxylic acid, 6,7,9,10-tetrahydro-2,3-dimethyl-, 1,1-dimethylethyl ester, monohydrochloride (9C1) (CA INDEX NAME)

L22 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)
CN 6,10-Methano-9H-pyrido[2,3-h][3]benzazepine-8-carboxylic acid,
2-chloro-6,7,9,10-tetrahydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

357426-08-5 CAPLUS 6,10-Methano-8H-pyrido[2,3-h][3]benzazepine-8-carboxylic acid, 6,7,9,10-tetrahydro-2-methoxy-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

357426-09-6 CAPLUS 6,10-Methano-8H-pyrido[2,3-h][3]benzazepine-8-carboxylic acid, 2-chloro-5-fluoro-6,7,9,10-tetrahydro-, methyl ester (9CI) (CA INDEX

357426-10-9 CAPLUS 6,10-Methano-2H-pyrazino[2,3-h][3]benzazepin-2-one, 1,6,7,8,9,10-hexahydro-8-(trifluoroacetyl)- (9Cl) (CA INDEX NAME)

RN 357426-13-2 CAPLUS

1.22 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS OR STN (Continued)

• HCl

357426-20-1 CAPLUS 1,5-Methano-IH-3-benzazepine-7-carboximidamide, 2,3,4,5-tetrahydro-N-hydroxy- (SCI) (CA INDEX NAME)

357426-21-2 CAPLUS 1,5-Methano-IH-3-benzazepine, 7-[3-(dimethylamino)-1-0x0-2-propenyl]-2,3,4,5-tetrahydro-3-(trifluoroacety)- (9CI) (CA INDEX NAME)

$$F_{3C} = CH = CH - NHe_2$$

RN CN

357426-22-3 CAPLUS 1,5-Methano-IH-3-benzazepine-7-sulfonamide, 2,3,4,5-tetrahydro-N,N-dimethyl-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)

357426-23-4 CAPLUS
1,5-Methano-IH-3-benzazepine, 2,3,4,5-tetrahydro-7-(1pyrrolidinylsulfonyl)-3-(trifluoroacetyl)-, monohydrochloride (9CI) (CA

L22 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN INDEX NAME)

REFERENCE COUNT:

THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ANSWER 3 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

(R4 - Q1, Q2), R2, R3 = bicyclic ring system-forming moieties, etc.], and their pharmaceutically acceptable salts; intermediates for the synthesis of such compds,; and methods of using such compds, in the treatment of nicotine addiction/vihedrawal and CNS disorders. The tetrahydromethanobenzazepine derivs, of the invention bind to neuronal nicotinic acetylcholine receptor sites and are useful in modulating cholinergic function.

24929644-4 357424-21-6 35920-99-0

RI: BSU (Biological study, unclassified); PKT (Pharmacokinetics); BIOL (Biological study)

(aryl fused azapolycyclic compds, for treatment of nicotine addiction/vibulcaval and other disorders)

24929644-4 CAPLUS (6,10-461400-SH-pyrazino[2,3-h](3)benzazepine, 7,8,9,10-tetrahydro- (9CI) (CA INDEX NAME)

357424-21-6 CAPLUS 6,10-Methano-2H-pyrazino[2,3-h][3]benzazepin-2-one, 1,6,7,8,9,10-hexahydro-(9CI) (CA INDEX NAME)

535920-98-0 CAPLUS β-D-Glucopyranuronic acid, 1-(6,7,9,10-tetrahydro-6,10-methano-8H-pyrazino(2,3-h](3)benzazepin-8-carboxylate) (9CI) (CA INDEX NAME)

Absolute stereochemistry.

IT 69718-72-5D, derivs.

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(aryl fused azapolycyclic compds. for treatment of nicotine addiction/vithdrawal and other disorders)

RN 69718-72-5 CAPLUS

Page 13

L22 ANSWER 3 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2003:434575 CAPLUS
DOCUMENT NUMBER: 139:966
Aryl fused azapolycyclic compounds for the treatment of nicotine addiction/withdrawal and CNS disorders
Obach, Ronald Scott: Hagen, Anne Elizabeth
Pfizer Products Inc., USA
PCT Int. Appl., 20 pp.
CODEN: TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO.	KIND DATE		DATE
WO 2003045967	A1 2003060	5 WO 2002-IB4920	20021118
W: AE, AG	AL. AM. AT. AU	, AZ, BA, BB, BG, BR, BY,	BZ, CA, CH, CN,
CO. CR	. CU. CZ. DE. DK	, DM, DZ, EC, EE, ES, FI,	GB, GD, GE, GH,
GM, HR	. HU. ID. IL. IN	, IS, JP, KE, KG, KP, KA,	KZ, LC, LK, LR,
LS, LT	, LU, LV, MA, MD	, MG, MK, MN, MW, MX, MZ,	NO, NZ, OM, PH,
PL, PT	, RO, RU, SD, SE	, SG, SI, SK, SL, TJ, TM,	TN, TR, TT, TZ,
UA, UG	. US. UZ. VN. YU	, ZA, ZM, ZW, AM, AZ, BY,	KG, KZ, MD, RU,
TJ. TM			
RW: GH. GM	. KE. LS. MW. MZ	, SD, SL, SZ, TZ, UG, ZM,	ZW, AT, BE, BG,
		, ES, FI, FR, GB, GR, IE,	
		, CF, CG, CI, CM, GA, GN,	
	. TD. TG		
US 2003166582	A1 2003090	4 US 2002-306500	20021127
PRIORITY APPLN. INF	0.:	US 2001-334502P P	20011130
OTHER SOURCE(S):			
G1			

AB The invention discloses aryl fused azapolycyclic compds. I [R1 = H, COOR4

L22 ANSWER 3 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)
CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

REFERENCE COUNT:

L22 ANSWER 4 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER:
DOCUMENT NUMBER:
1TITLE:
2003:434404 CAPLUS
139:12305
Pharmaceutical compositions of 5,7,14triazatetracyclo[10.3.1.0(2,11).0(4,9)]-hexadeca2(11)3,5,7,9-pentagen
Am Ende, Mary Tanyar Roy, Michael Christopher; Smith,
Scott Wendell; Waterman, Kenneth Craig; Moses, Sara
Kristen; Quan, Ernest Shing
PATENT ASSIGNEE(5):
SOURCE:
PATENT TYPE:
COPEN: Products 1 nic., USA
PCT Int. Appl., 43 pp.
COPEN: PIXXD2
PATENT INFORMATION:
English
English DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION: KIND DATE PATENT No.

WO 2003045437 A1 200...

WI AE, AG, AL, AM, AT, AU, AZ, BA, BD,

CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ED,

GM, HR, HU, 1D, 1L, 1N, 1S, JP, KE, KG, KP, KR, KD,

LS, LT, LU, LV, MA, MD, HG, HK, MM, HW, MX, MZ, MO, NZ, OM,

PL, PT, RO, RU, SD, ES, SG, ST, KS, SL, TJ, TM, TN, TR, TT, TZ,

UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,

TJ, TH

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,

CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,

PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,

NE, SN, TD, TG

US 2003180360 A1 20030925

US 2001-334652P P 20011130 PATENT NO. APPLICATION NO. DATE

PRIORITY APPLN. INFO.:

The present invention is directed to controlled-release (CR) oral pharmaceutical dosage forms of I and pharmaceutically acceptable salts thereof, and methods of using them to reduce nicotine addiction or aiding in the cessation or lessening of tobacco use while reducing nausea as an adverse effect. The present invention also relates to an immediate-release (IR) low dosage composition having a stable formulation

uniform drug distribution and potency. Controlled-release tablets of I L-tartrate were prepared 249295-44-4 375915-87-5 536696-70-5 RL: THU (Therapeutic use): BIOL (Biological study); USES (Uses) (pharmaceutical compns. of 5,7,14-triazatetracyclo[10.3.1.0(2,11).0(4,9)]

L22 ANSWER 4 OF 23 CAPLUS COPYRIGHT 2004 ACS ON STN (Continued)

REFERENCE COUNT:

THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

(2R,3R)-2,3-dihydroxybutanedioate (1:1) (9CI) (CA INDEX NAME) CRN 249296-44-4 CMF C13 H13 N3 CM 2 Absolute stereochemistry. R R CO2H 536696-70-5 CAPLUS 6,10-Methano-GH-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro--2-hydroxy-1,2,3-propanetricarboxylate (1:1) (9CI) (CA INDEX NAME)

L22 ANSWER 5 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER:
DOCUMENT NUMBER:
139:12300
Preparation of triazatetracycloentaene succinate for pharmaceutical compositions
Quallich, George Josephs Wint, Lewin Theophilus
Pfizer Products Inc., USA
PCT Int. Appl., 21 pp.
CODEN: PIXXU2
Patent English FAMILY ACC. NUM. COUNT: PATENT INFORMATION: CRN 249296-44-4 CMF C13 H13 N3

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L22 ANSWER 5 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
                                                                                                           (Continued)
HO_2C-CH_2-CH_2-CO_2H
        535595-69-4P
RL: PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use);
BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of triazatetracycloentaene succinate for pharmaceutical
        compns.)
55599-69-4 CAPLUS
Butanedioic acid, compd. with 7,8,9,10-tetrahydro-6,10-methano-6H-
pyrazino[2,3-h][3]benzazepine {1:1}, hydrate (9CI) (CA INDEX NAME)
         CRN 249296-44-4
CMF C13 H13 N3
         CM 2
         CRN 110-15-6
CMF C4 H6 O4
но2С-СН2-СН2-СО2Н
        249296-44-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of triazatetracycloentaene succinate for pharmaceutical
         compns.)
249296-44-4 CAPLUS
6,10-Methano-6H-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro- (9CI)
(CA INDEX NAME)
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L22 ANSWER 6 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN ACCESSION NUMBER: 2003:356250 CAPLUS DOCUMENT NUMBER: 138:348736 NICOLIA acetylcholia communication acet 138:348736
Nicotinic acetylcholine receptor agonists in the treatment of restless legs syndrome
Saltarelli, Mario David
Pfizer Products Inc., USA
PCT Int. Appl., 37 pp.
CODEN: PIXKO2 INVENTOR(S): PATENT ASSIGNEE(S): SOURCE: LANGUAGE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION: PATENT NO. KIND DATE

WO 2003037329 A1 20030508 WO 2002-1B4379 20021021

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DTZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HB, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, IT, ILI, IV, AM, AD, MG, HK, HM, MW, MZ, MZ, NO, NZ, CM, PL, PT, PT, RO, RU, SO, SE, SG, SI, SK, SL, TJ, TH, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, HD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, LE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, CN, GQ, GW, ML, MR, NL, SN, TD, TG

US 2003133484 A1 20030717

US 2003-334810P P 20011033

OTHER SOURCE(S): US 2002-224055 20020820 US 2001-334810P P 20011031 US 2001-335858P P 20011126 OTHER SOURCE(S):
AB The invention NOUNDE[0]: MARKHI 138:398/30
The invention discloses the use of nicotinic acetylcholine receptor agonists for the treatment of restless legs syndrome (RLS). The invention further discloses the use of a nicotinic acetylcholine receptor agonist in the manufacture of a medicament for the treatment of RLS. The invention the manufacture of a medicament for the treatment of RLS. The invention of a control of the description of t

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

Page 15

ANSWER 5 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)
RENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD, ALL CITATIONS AVAILABLE IN THE RE FORMAT

L22 ANSWER 6 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued) (nicotinic agonists for treatment of restless legs syndrome)
RN 69718-72-5 CAPLUS
CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tettrahydro- (9CI) (CA INDEX NAME)

230615-75-5 CAPLUS 5,9-Methano-5H-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-2-methyl-(9C1) (CA INDEX NAME)

249296-44-4 CAPLUS 6,10-Methano-6H-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro- (9CI)

287973-26-6 CAPLUS 1,5-Methano-1H-3-benzazepine, 7,8-difluoro-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

328055-80-7 CAPLUS 1,5-Methano-HH-3-benzazepine, 7-fluoro-2,3,4,5-tetrahydro- (9CI) (CA RNDEX NAME)

JZBUSS-84-1 CAPLUS 1,5-Hethano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-methyl- (9CI) (CA INDEX NAME)

L22 ANSWER 6 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

328055-85-2 CAPLUS 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-(trifluoromethyl)-(9CI) (CA INDEX NAME)

CF3

328055-86-3 CAPLUS 1,5-Methano-IH-3-benzazepine, 2,3,4,5-tetrahydro-7-nitro (9CI) (CA INDEX NAME)

, NO2

328055-87-4 CAPLUS 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1-methyl-(9C1) (CA INDEX NAME)

328055-88-5 CAPLUS 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-(9CT) (CA INDEX NAME)

L22 ANSWER 6 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

328055-96-5 CAPLUS Ethanone, l-(2,3,4,5-tetrahydro-1,5-methano-1H-3-benzazepin-7-y1)- (9CI) (CA INDEX NAME)

328055-97-6 CAPLUS 1,5-Methano-1H-3-benzazepin-7-ol, 2,3,4,5-tetrahydro- (9CI) (CA INDEX

328055-98-7 CAPLUS 5,9-Methano-51-ioxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-3-methyl-[9CI) (CA INDEX NAME)

328055-99-8 CAPLUS 1,5-Methano-IH-3-benzazepine, 7,8-dichloro-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

5,9-Methanopytrolo[2,3-h][3]benzazepin-2(1H)-one, 3,5,6,7,8,9-hexahydro-(9CI) (CA INDEX NAME)

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L22 ANSWER 6 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

328055-89-6 CAPLUS

5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1,2-dimethyl- (9CI) (CA INDEX NAME)

328055-90-9 CAPLUS

5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-1-phenyl- (9CI) (CA INDEX NAME)

328055-92-1 CAPLUS 6,10-Methano-6H-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-8-methyl- (9CI) (CA INDEX NAME)

328055-94-3 CAPLUS 1,5-Methano-1H-3-benzazepine, 7-chloro-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

328055-95-4 CAPLUS 1,5-Methano-IH-3-benzazepine-7-carbonitrile, 2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

L22 ANSWER 6 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

357424-03-4 CAPLUS 5,9-Methano-ZH-oxazolo[4,5-h][3]benzazepin-2-one, 3,5,6,7,8,9-hexahydro-(9CI) (CA INDEX NAME)

357424-04-5 CAPLUS Benzamide, Z-fluoro-N-(2,3,4,5-tetrahydro-8-hydroxy-1,5-methano-1H-3-benzazepin-7-yl)- (9CI) (CA INDEX NAME)

357424-11-4 CAPLUS 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-1-propyl- (9CI) (CA INDEX NAME)

357424-12-5 CAPLUS 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro- (9CI) (CA INDEX NAME)

357424-13-6 CAPLUS 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-l-propyl-

L22 ANSWER 6 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued) (9CI) (CA INDEX NAME)



RN 357424-14-7 CAPLUS CN 5,9-Methanoimidazo(4,5-h)[3]benzazepine, 1-butyl-1,5,6,7,8,9-hexahydro-(9CI) (CA INDEX NAME)



RN 357424-15-8 CAPIUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-1-[2-methyl-propyl-]- (9CI) (CA INDEX NAME)

RN 357424-16-9 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1-phenyl(9CI) (CA INDEX NAME)

RN 357424-18-1 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1-(2,2-dimethylpropyl)1,5,6,7,8,9-hexahydro-2-methyl- (9C1) (CA INDEX NAME)

L22 ANSWER 6 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)
CN Acetamide, N-(2,3,4,5-tetrahydro-1,5-methano-1H-3-benzazepin-7-y1)- (9CI)
(CA INDEX NAME)

RN 357424-24-9 CAPLUS
CN 1,5-Methano-IH-3-benzazepine, 2,3,4,5-tetrahydro-7-(5-methyl-1,2,4-oxadiacol-3-yl)- (9C1) (CA INDEX NAME)

RN 357424-25-0 CAPIUS CN 1.5-Methano-IH-3-benzazepine-7-sulfonamide, 2,3,4,5-tetrahydro-N,N-dimethyl- (9C1) (CA INDEX NAME)

RN 357424-26-1 CAPLUS
CN Pyrrolidine, 1-[(2,3,4,5-tetrahydro-1,5-methano-1H-3-benzazepin-7yl)sulfonyl]- (9C1) (CA INDEX NAME)

RN 357424-32-9 CAPLUS
CN 1,5-Methano-1R-3-benzazepine, 2,3,4,5-tetrahydro-6-(trifluoromethyl)(9CI) (CA INDEX NAME)

Page 17

L22 ANSWER 6 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued) Me3C-CH2

RN 357424-19-2 CAPLUS
CN 6,10-Methano-GH-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-2,3-dimethyl- (9CI) (CA INDEX NAME)

RN 357424-20-5 CAPLUS CN 5,9-Methano-5H-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro- (9CI) (CA INDEX NAME)

RN 357424-21-6 CAPLUS CN 6,10-Methano-ZH-pyrazino[2,3-h][3]benzazepin-2-one, 1,6,7,8,9,10-hexahydro-(9C1) (CA INDEX NAME)

RN 357424-22-7 CAPLUS
CN 1.5-Methano-1H-3-benzazepin-7-amine, 2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

RN 357424-23-8 CAPLUS

L22 ANSWER 6 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

RN 357424-34-1 CAPLUS CN 1,5-Hethano-IH-3-benzazepine, 6-fluoro-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

RN 357424-36-3 CAPLUS
CN 6,10-Methano-6H-pyrido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro- (9CI)
(CA INDEX NAME)

RN 357424-37-4 CAPLUS
CN 6,10-Methano-GH-pyrido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-2-methyl(9CI) (CA INDEX NAME)

RN 357424-39-6 CAPLUS CN 6,10-Methano-6H-pyrido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-3-methyl-(9C1) (CA INDEX NAME)

RN 357424-41-0 CAPLUS CN 6,10-Methano-Gil-pyrido[2,3-h][3]benzazepine, 3-ethyl-7,8,9,10-tetrahydro-(9C1) (CA 1NDKX NAME)

ANSWER 6 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued) 357424-43-2 CAPLUS 6,10-Methano-6H-pyrido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-4-methyl-(9CI) (CA INDEX INME)

357424-45-4 CAPLUS 6,10-Methano-2H-pyrido[2,3-h][3]benzazepin-2-one, 1,6,7,8,9,10-hexahydro-(9CI) (CA INDEX NAME)

357424-47-6 CAPLUS 6,10-Methano-Gi-pyrido[2,3-h][3]benzazepine, 2-chloro-7,8,9,10-tetrahydro-(9C1) (CA INDEX NAME)

357424-49-8 CAPLUS 6,10-Methano-GH-pyrido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-2-methoxy-(9CI) (CA INDEX NAME)

357424-51-2 CAPLUS 6,10-Methano-GH-pyrido[2,3-h][3]benzazepine, 2-chloro-5-fluoro-7,8,9,10-tetrahydro- (9CI) (CA INDEX NAME)

L22 ANSWER 6 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

519165-25-4 CAPLUS 1,5-Hethano-1H-3-benzazepine, 2,3,4,5-tetrahydro-6-phenyl- (9CI) (CA INDEX NAME)

519165-26-5 CAPLUS 1,5-Methano-1H-3-benzazepin-6-ol, 2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

519165-27-6 CAPLUS 5,9-Methano-SH-oxazolo[4,5-h][3]benzazepine, 2-ethyl-6,7,8,9-tetrahydro-(9C1) (CA INDEX NAME)

519165-28-7 CAPLUS

519165-20-7 CAPLUS 5,9-Methano-5H-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-2-(1-methylethyl) - (9CI) (CA INDEX NAME)

RN 519165-29-8 CAPLUS

Page 18

L22 ANSWER 6 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

357426-16-5 CAPLUS 5,9-Methano-5fa-thiazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-2-methyl-GSCI) (CA INDEX NAME)

\$19165-22-1 CAPLUS 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-l-(2-methylpropyl) (9Cl) (CA INDEX NAME)

519165-23-2 CAPLUS
1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-(1-methyl-1H-pyrazol-5-yl)- (9CI) (CA INDEX NAME)

519165-24-3 CAPLUS 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-(1-methyl-1H-pyrazol-3-yl)- (9C1) (CA INDEX NAME)

L22 ANSWER 6 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)
CN 5,9-Methano-SH-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-2(phenylmethyl) - (9Cl) (CA INDEX NAME)

REFERENCE COUNT:

THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L22 ANSWER 7 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2003:23533 CAPLUS
138:83396
Pharmaceutical composition and method of modulating cholinergic function in a mammal Coe, Jotham W.r Sands, Steven B.
PATENT ASSIGNEE(S): Pfizer Inc., USA
U.S. Pat. Appl. Publ., 23 pp.
CODEN: USXKCO
DOCUMENT TYPE: Patent
LANGUAGE: FAMILY ACC. NUM. COUNT: 1
English

FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. DATE APPLICATION NO. DATE KIND

US 2003008992 A1 20030109 US 2002-105605 20020325 WO 2003005998 A2 20030123 WO 2002-181767 20020521 WO 2003005998 A2 20030530 W. AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MZ, NO, NZ, OM, PH, PI, PT, NO, RU, SD, SE, GS, SI, SK, SI, 7J, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, LC, MD, RU, TJ, TM

UN, UG, US, US, UT, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KE, MD, RU,

TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,

CY, DE, DK, ES, FI, FN, GB, GR, IE, IT, LU, MC, NL, FT, SE, TR,

BF, BJ, CF, CG, CI, CT, GA, GA, GN, GQ, GW, HL, HM, NE, SN, TD, TG

MZ 529607 A 20031219 NZ 2002-2529607 20020521

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, FT,

IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

PRIORITY APPLN. INFO: US 2001-303957P P 20010709

AB A composition for modulating cholinergic function in a mammal comprises a nicotinic receptor partial agonist (NRPA) in combination with an anti-mentic/anti-nausea agent and a pharamaceutically acceptable carrier. The NRPA compound and the anti-mentic/anti-nausea agent are present in amts. that render the composition effective modulating cholinergic function or in the

treatment of various disorders or conditions selected from inflammatory bowel disease (including but not limited to ulcerative colitis, pyoderma gangrenosum and Crohn's disease), irritable bowel dyndrome, spastic dystonia, chronic pain, acute pain, celiac sprue, pouchitis, vasoconstriction, anxiety, panic disorder, depression, bipolar disorder, autism, sleep disorders, jet lag, amyotrophic lateral sclerosis (ALS), cognitive dysfunction, hypertension, bullmia, anorexia, obesity, cardiac arrhythmias, gastric acid hypersecretion, ulcers, pheochromocytoma, progressive supranuclear palsy, chemical dependencies and addictions (e.g., dependencies on, or addictions to nicotine (and/or tobacco products), alc., benrodiazepines, barbiturates, opioids or cocaine), headache, migraine, stroke, traumatic brain injury (TBI), obsessive-compulsive disorder (OCD), psychosis, Huntington's chorea, tardive dyskinesia, hyperkinesia, dyslexia, schizophrenia, multi-infarct dementia, age-related cognitive decline, epilepsy, including petit mal absence epilepsy, senile

L22 ANSWER 7 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

328055-77-2 CAPLUS 5,9-Methanopyrcrolo[3,4-h][3]benzazepin-1(2H)-one, 3,5,6,7,8,9-hexahydro-2-methyl- (9CI) (CA INDEX NAME)

328055-78-3 CAPLUS 5,9-Methanopyrcolo[3,4-h][3]benzazepin-1(2H)-one, 3,5,6,7,8,9-hexahydco-(9CI) (CA INDEX NAME)

328055-79-4 CAPLUS 5,9-Methanoimidazo[4,5-h][3]benzazepin-2(1H)-one, 3,5,6,7,8,9-hexahydro-(CA INDEX NAME)

CAPLUS

,5-Methano-1H-3-benzazepine, 7-fluoro-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

328055-81-8 CAPLUS o-1H-3-benzazepine, 7-ethynyl-8-fluoro-2,3,4,5-tetrahydro- (9CI) 1,5-Methano-1H-3-(CA INDEX NAME)

L22 ANSWER 7 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued) dementia of the Alzheimer's type (AD), Parkinson's disease (PD), attention deficit hyperactivity disorder (ADHD) and Touratte's Syndrome. The method of using these compns. is also disclosed.

17 69718-72-5 249296-44-4 287973-26-6 287973-27-7 328055-77-2 328055-79-3 328055-80-6 328055-80-6 328055-80-6 328055-80-6 328055-80-6 328055-80-6 328055-80-6 328055-90-6 328055-90-6 328055-90-6 328055-90-6 328055-90-6 328055-90-6 328055-90-6 328055-90-6 328056-66-2 328055-97-6 328055-99-6 328056-66-2 328055-97-6 328055-99-8 328056-66-2 328055-97-6 328055-90-8 328056-66-2 328055-97-6 328055-90-8 328056-66-2 328055-97-6 328056-66-2 328056-90-8 328056-66-2 328056-90-8 328056-66-2 328056-90-8 328056-66-2 328056-90-8 328056-66-2 328056-90-8 328056-66-2 328056-90-8 328056-66-2 328056-90-8 328056-66-2 328056-90-8 328056-66-2 328056-90-8 328056-66-2 328056-90-8 328056-66-2 328056-90-8 328066-90-8

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses) (compns. containing nicotinic receptor partial agonist in combination

antiemetic for modulating cholinergic function)

69718-72-5 CAPLUS 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

249296-44-4 CAPLUS 6,10-Methano-GH-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro- (9CI) (CA INDEX NAME)

287973-26-6 CAPLUS 1,5-Methano-1H-3-benzazepine, 7,8-difluoro-2,3,4,5-tetrahydro- (9CI) (CA

287973-27-7 CAPLUS 1,5-Methano-IH-3-benzazepine-7-carbonitrile, 8-ethynyl-2,3,4,5-tetrahydro-(9C1) (CA INDEX NAME)

L22 ANSWER 7 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

328055-83-0 CAPLUS 5,9-Methano-2H-isothiazolo[4,5-h][3]benzazepine, 3,5,6,7,8,9-hexahydro-2-methyl-, 1,1-dioxide (9C1) (CA INDEX NAME)

328055-84-1 CAPLUS .5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-methyl- (9CI) (CA INDEX NAME)

328055-85-2 CAPLUS 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-(trifluoromethyl)-(9CI) (CA INDEX NAME)

328055-86-3 CAPLUS 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-nitro- (9CI) (CA INDEX NAME)

328055-87-4 CAPLUS 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1-methyl-[GCT] (CA INDEX NAME)

L22 ANSWER 7 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)



RN 328055-88-5 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl(9CI) (CA INDEX NAME)





RN 328055-90-9 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-1-phenyl-(SCI) (CA INDEX NAME)

RN 328055-92-1 CAPLUS
CN 6,10-Methano-6H-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-8-methyl- (9CI) (CA INDEX NAME)

L22 ANSWER 7 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

RN 328056-66-2 CAPLUS CN 1,5-Methano-IH-3-benzazepine-7-carbonitrile, 8-fluoro-2,3,4,5-tetrahydro-(9C1) (CA INDEX NAME)

RN 357424-19-2 CAPLUS
CN 6,10-Methano-6H-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-2,3-dimethyl- (9CI) (CA INDEX NAME)

RN 367511-27-1 CAPLUS CN 5,9-Methanopyrrolo[2,3-h][3]benzazepin-3(5H)-one, 6,7,8,9-tetrahydro-(9CT) (CA INDEX NAME)

RN 367511-30-6 CAPLUS CN 5,9-Methanopytrolo[2,3-h][3]benzazepin-3(5H)-one, 6,7,8,9-tetrahydro-2-methyl-(9C1) (CA INDEX NAME)

RN 367511-38-4 CAPLUS
CN 5,9-Methanopyrrolo[3,4-h][3]benzazepin-1(5H)-one, 6,7,8,9-tetrahydro-3-methyl- (9CI) (CA INDEX NAME)

Page 20

L22 ANSWER 7 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

RN 328055-94-3 CAPLUS CN 1,5-Methamo-1H-3-benzazepine, 7-chloro-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

RN 328055-95-4 CAPLUS CN 1,5-Methano-1H-3-benzazepine-7-carbonitrile, 2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

RN 328055-96-5 CAPLUS CN Ethanone, 1-(2.3,4,5-tetrahydro-1,5-methano-1H-3-benzaZepin-7-y1)- (9CI) (CA INDEX NAME)

RN 32805S-97-6 CAPLUS
CN 1,5-Methano-1H-3-benzazepin-7-o1, 2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

RN 328055-99-8 CAPLUS CN 1,5-Methano-IH-3-benzazepine, 7,8-dichloro-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

L22 ANSWER 7 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

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Aryl Fused Azapolycyclic Compounds
   ACCESSION NUMBER: 23 CAPLUS COPYRIGHT 2004 ACS ON STN 2002:888737 CAPLUS

DOCUMENT NUMBER: 137:375226

TITLE: The citrate salt of 5. 2 14
                                                                                                                                                    The citrate salt of 5, 8, 14-
triazatetracyclo(10.3.1.02,11.04.9)-hexadeca-
2.(11),3,5,7,9-pentane and pharmaceutical compositions
                                                                                                                                                   2.(11),3,5,7,9-pentane and pharmaceutical compositions
thereof
Johnson, Philip James: Rose, Peter Robert; Wint, Lewin
Theophilus; Williams, Glenn Robert
Pfizer Products Inc., USA
PCT Int. Appl., 38 pp.
CODEN: PIXKD2
    INVENTOR(S):
    PATENT ASSIGNEE(S):
SOURCE:
      DOCUMENT TYPE:
LANGUAGE:
       FAMILY ACC. NUM. COUNT: 1
                                 PATENT NO.
                                                                                                                                  KIND DATE
                                                                                                                                                                                                                                                         APPLICATION NO. DATE
WO 2002092597 Al 20021121 WO 2002-1B1450 20020426

W: AE, AG, AL, MM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DX, DM, DQT, EC, EE, ES, FT, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MM, MW, MK, MZ, NO, NZ, CM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TH, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZX, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, SF, FT, FR, GB, GR, IE, IT, LU, MC, NI, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, NR, NE, SN, TD, TG

EP 1390366 Al 20040225 EP 2002-124553 20020426

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NI, NI, SE, MC, PT, IE, SI, TI, LV, NI, NI, NI, NI, SE, MC, PT, IE, SI, TL, LV, FT, NO, MC, YA, LT, TR

EE 200305057 A 20040415 EE 2003-557 20020426

MS 2003049091 Al 20030067 US 2002-139449 20020506

NO 2003005035 A 20031113 NO 2003-5035 20031113

PRIORITY APPLN. INFO: US 2001-2906639 P 20010514

AB The present invention is directed to the citrate salt of 5, 8, 14-triazatetracyclo[10.31.02.11.04.9]-hexadeca-2(11), 3, 5, 7, 9-pentane and pharmaceutical compns. thereof. The present invention is also directed to the citrate salt of 5, 8, 414-triazatetracyclogical activity) FNR (Synthetic preparation); THU (Thermettic revers) RDIO. (Riological activity); SNR (Synthetic preparation); THU (Thermettic revers) RDIO. (Riological activity); SNR (Synthetic preparation); THU
                                                                                                                                                                                                                                                           WO 2002-IB1450
                                                                                                                                      A1 20021121
                                 WO 2002092597
                                                                                                                                                                                                                                                                                                                                                       20020426
                                    RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
                                 (Uses)
(citrate salt of azatetracyclohexadecapentaene and pharmaceutical compns, thereof)
475478-66-1 CAPIUS
6,10-Methano-6H-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-,
2-hydroxy-1,2,3-propanetricarboxylate (1:1), monohydrate (9CI) (CA INDEX
                                 CM 1
      L22 ANSWER 9 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN ACCESSION NUMBER: 2002:888559 CAPLUS DOCUMENT NUMBER: 137:375274 Preparation of pharmaceutical
                                                                                                                                              137;375274
Preparation of pharmaceutical compositions of tartrate salts of 5,8,14-triazatetracyclo(10.3.1.02,11.04,9)-hexadeca-2(11),3,5,7,9-pentaene Bogle, David Everettr Rose, Peter Robertr Williams, Glenn Robert Pfizer Products Inc., USA PCT Int. Appl., 63 pp. CODEN: PIXXO2 Patent English
1
       INVENTOR(S):
       PATENT ASSIGNEE(S):
SOURCE:
       DOCUMENT TYPE:
LANGUAGE:
FAMILY ACC. NUM. COUNT:
PATENT INFORMATION:
                                                                               NO. KIND DATE APPLICATION NO. DATE

092089 A1 20021121 W0 2002-1B1437 20020426
AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DX, HD, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, 1D, IL, IN, 1S, JP, KE, KG, KF, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, ES, GS, IS, KS, LI, TJ, TM, TN, TT, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
                                    PATENT NO.
                                    WO 2002092089
LS, LT, LU, LV, HA, MD, MG, MK, MN, MM, MA, MA, RA, RV, RV, RC, PL, PT, RO, RU, SD, SE, SG, SS, SS, SS, TJ, TJ, MT, NT, RT, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, MK, ES, FT, FR, GB, GR, TE, TT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CT, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

RY 1392307 A1 20040303 EP 2002-222625 20020426

RY AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FT, RO, MK, CY, ALI, TR

BR 2002009605 A 20040323 BR 2002-9605 20020426

US 200310556 A 20040415 EE 2003-556 20020426

US 20031056701 A1 20030904 US 2002-139730 20020506

NO 2003005036 A 20040415 EE 2003-556 20020426

AB The present invention is directed to the tartrate salts of 5,8,1-triazatetracyclo[10.3.1.02,11.04,9]-hexadeca-2(11),3,5,7,9-pentaen (1), and their pharmaceutical compns. The present invention in patricular is directed to the L-tartrate salt, including 2 distinct anhydrous polymorphs of the L-tartrate salt, including 2 distinct anhydrous polymorphs of the L-tartrate salt, including 2 distinct anhydrous polymorphs (referred to as Form C). In addition, the present invention is also directed to the D-tartrate salt and its polymorphs, and the mesotartrate salt and its polymorph, creferred to as Form C). In addition, the present invention is also directed to the D-tartrate salt and its polymorphs, and the mesotartrate salt and its polymorphs. Thus, polymorphs of L-tartrate salt were prepared by the reaction of the drug base with L-tartaric acid in McOM. The forms were characterized by x-ray diffraction, DSC and spectrometry.

TY 375815-87-5P, CP 526555-18 475470-33-8P ATS-470-34-9P RI: PRP (Preperties); SPN (Synthetic preparation); VSES (Uses) (pharmaceutical compns. containing polymorphs of tartrate salts of triazatetracyclohexadecapentaene)

RN 375815-87-5 CAPLUS

CN 6,10-Metahno-64-Hyyrazino[2,3-h] [3]benzazepine, 7,8,9,10-tetrahydro-, (2R,3R)-2,3-dihydroxybutanedioate (1:1) (
```

```
2
         CM
                   CO2H
                   С— СH2— СО2Н
но2С-сн2-
        249295-44-4
RL: RCT (Reactant): RACT (Reactant or reagent)
  (citrate salt of azatetracyclohexadecapentaene and pharmaceutical compns. thereof)
249296-44-4 CAPLUS
6,10-Methano-6fi-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro- (9CI)
(CA INDEX NAME)
REFERENCE COUNT:
                                                          THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT
L22 ANSWER 9 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
          CM 2
          CRN 87-69-4
CMF C4 H6 O6
Absolute stereochemistry.
                     _CO2H
          475470-33-8 CAPLUS 6,10-Methano-6H-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-, (2R,3R)-2,3-dihydroxybutanedioate (1:1), monohydrate (9CI) (CA INDEX NAME)
          CRN 249296-44-4
CMF C13 H13 N3
          CM 2
          CRN 87-69-4
CMF C4 H6 O6
 Absolute stereochemistry.
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L22 ANSWER 8 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

CRN 249296-44-4 CMF C13 H13 N3

(Continued)

L22 ANSWER 9 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

475470-34-9 CAPLUS 6,10-Methano-6H-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetcahydrorel-(2R,3R)-2,3-dihydroxybutanedioate (1:1) (9CI) (CA INDEX NAME)

CRN 249296-44-4 CMF C13 H13 N3

Relative stereochemistry.

249296-44-4, CP 526555
RL: RCT (Reactant): RACT (Reactant or reagent)
(pharmaceutical compns. containing polymorphs of tartrate salts of triazatetracyclohexadecapenteane)
249296-44-4 CAPLUS
6,10-Hethano-GH-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro- (9CI) (CA INDEX NAME)

INVENTOR(S):

L22 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN ACCESSION NUMBER: 2002:832750 CAPLUS DOCUMENT NUMBER: 137:337794
TITLE: Process for the preparation of

137:337794
Process for the preparation of 1,3-substituted indenes and aryl-fused azapolycyclic compounds
Singer, Robert Alan: McKinley, Jason Daniel
Pfizer Products Inc., USA
PGIZER PRODUCT INC., 96 pp.
COURM: PIXAD2

PATENT ASSIGNEE(S): SOURCE:

Patent English DOCUMENT TYPE: LANGUAGE:

FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. PATENT NO. KIND DATE APPLICATION NO. DATE

WO 2002085843 A2 20021031 WO 2002-1B660 20020304

WO 2002085843 A3 20030605'

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, CM, HR, HU, ID, II, IN, IS, JF, KE, KG, KF, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, NN, HV, MK, MZ, NO, NZ, OM, PH, FL, PT, RO, RU, SD, SE, SG, SI, SK, SI, TJ, HJ, TN, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TH

RW GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, EP, 1395733 A2 20040128 PS 2002-701498 20020304

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, LE, SI, LT, LV, FI, RO, MK, CY, AL, TR

US 2003060624 A1 20030327

VD 2002-18660 V 20020304

OTHER SOURCE(S): MARPAT 137:337794

OTHER SOURCE(S):

Page 22

L22 ANSWER 9 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT REFERENCE COUNT:

L22 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

ANSWER 10 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)
The 1,3-substituted indenes I-III [R1 = CN, alkowycarbonyl, acyl, aryl, NO2, CF3, sulfonylr R2, R3 = H, F, Cl, alkylthio, alkylsulfinyl, alkylsulfonyl, (un)substituted NHZ, CO2H, CONHZ, SOZNKIZ, alkowy etc.; R4 = M, ammonium, alkali metal; R5 = alkyl, trialkylsilyl, siPh3] were prepared as intermediates for the benzoazabicyclocotanones IV which modulate cholinergic function. Thus, 2.8-TC6HKCHZOV was treated with MeoCHCHGOZME to give 2-BrC6HKC(CN):CHCHZCOZMe which was cyclized to 3.(hydroxymethoxymethylsne)-3Mi-indene-1-carbonitrile sodium salt. Reductive cyclization of the latter compound gave 2,3,4,5-tetrahydro-1,5-methano-IH-benzazepin-2-one.
230615-04-0P 230615-08-4P 230615-51-7P 230615-55-P 230615-53-9P 230615-53-9P 230615-55-P 230615-55-P 230615-60-PP 230615-61-PP 230615-55-P 230615-56-PP 230615-61-PP 230615-91-PP 230615-61-PP 230615-61-PP 230615-91-PP 230615-91-

. NO2

HC1

בשטום-טפ-4 נתצוטט 1,5-Methano-IH-3-benzazepine, 2,3,4,5-tetrahydro-7,8-dinitro- (9CI) (CA KNDEX NAME) 230615-08-4 CAPLUS

L22 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

HN NO2

RN 230615-51-7 CAPLUS
CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-3-(trifluoroacetyl)-(9CI) (CA INDEX NAME)

F3C-C-N

RN 230615-52-8 CAPLUS
CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-, hydrochloride (9CI) (CA INDEX NAME)

HN

● HC1

RN 230615-53-9 CAPLUS
CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-nitro-3-(trifluoroacety1)- (9CI) (CA INDEX NAME)

F3C-C-N-NO2

RN 230615-54-0 CAPLUS
CN 1,5-Methano-3H-3-benzazepine-3-carboxylic acid, 1,2,4,5-tetrahydro-7-nitro, 1,1-dimethylethyl ester (9C1) (CA INDEX NAME)

L22 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

RN 230615-60-8 CAPLUS CN 1,5-Methano-3H-3-benzazepine-3-carboxylic acid, 1,2,4,5-tetrahydro-7,8-dinitro-, 1,1-dimethylethyl ester (9Cl) (CA INDEX NAME)

RN 230615-61-9 CAPLUS
CN 1,5-Hethano-3H-3-benzazepine-3-carboxylic acid, 7,8-diamino-1,2,4,5-tetrahydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

t-BuO-C-N-NH2

RN 230615-62-0 CAPLUS
S, 9-Methanoimidazo[4,5-h][3]benzazepine-7{1H}-catboxylic acid,
S,6,8,9-tetrahydro-2-methyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Me H N C-OBu-t

RN 230615-63-1 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine-7(1H)-carboxylic acid,
5,6,8,9-tetrahydro-2-methyl-1-propyl-, 1,1-dimethylethyl ester (9CI) (CA

L22 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

t-Buo-c-NO2

RN 230615-55-1 CAPLUS
CN 1,5-Methano-3H-3-benzazepine-3-carboxylic acid, 7-amino-1,2,4,5-tetrahydro,,1,1-dimethylethyl ester (9C1) (CA INDEX NAME)

t-BuO-C-N-NH

RN 230615-56-2 CAPLUS
CN 1,5-Methano-1H-3-benzazepin-7-amine, 2,3,4,5-tetrahydro-3-(trifluoroacetyl)- (9Cl) (CA INDEX NAME)

F3C-C-N-NH2

RN 230615-57-3 CAPLUS
CN Acetamide, N-{2,2,4,5-tetrahydro-3-(trifluoroacetyl)-1,5-methano-1H-3-benzaepin-7-yll (9C1) (CA INDEX NAME)

F3C-C-N-NHAC

RN 230615-59-5 CAPLUS
CN 1,5-Methano-IH-3-benzazepine, 2,3,4,5-tetrahydro-7,8-dinitro-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)

L22 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

N-Pr N-C-OBu-t

RN 230615-64-2 CAPLUS
CN 5,9-Methandmidazo[4,5-h][3]benzazepine-7(1H)-carboxylic acid,
5,6,8,9-tetrahydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

 $\bigcap_{N}^{H} \bigcap_{O}^{N-C-OBu-t}$

RN 230615-65-3 CAPLUS
CN 1,5-Methano-3H-3-benzazepine-3-catboxylic acid, 7-(butylamino)-1,2,4,5-tetrahydro-8-nitro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

t-BuO-C-N-N-NO2

RN 230615-66-4 CAPLUS
CN 1,5-Hethano-3H-3-benzazepine-3-carboxylic acid, 7-amino-8-(butylamino)-1,2,4,5-tetrahydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

t-BuO-C-NHBu-n

RN 230615-67-5 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine-7(1H)-carboxylic acid,
1-butyl-5,6,8,9-tetrahydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

L22 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

n-Bu N c-oBu-t

RN 230615-68-6 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine-7(1H)-carboxylic acid,
5,6,8,9-tetrahydro-2-methyl-1-(2-methylpropyl)-, 1,1-dimethylethyl ester
(9C1) (CA INDEX NAME)

Me N C OBu-t

RN 230615-69-7 CAPLUS
CN 1,5-Methano-1H-3-benzazepine-7,8-diamine, 2,3,4,5-tetrahydro-3-(trifluoroacety)- (9CI) (CA INDEX NAME)

 $F_{3C}-\underset{0}{\overset{N}{\longleftarrow}}\underset{NH_{2}}{\overset{NH_{2}}{\longleftarrow}}$

RN 230615-70-0 CAPLUS CN 6,10-Methano-6H-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-8-(trifluoroacety)]- (GC1 INDEX NAME)

 $F3C- \bigcup_{0}^{N} \bigvee_{N} \bigvee_{N}$

RN 230615-71-1 CAPLUS CN 1,5-Methano-1H-3-benzazepin-7-ol, 2,3,4,5-tetrahydro-8-nitro-3-

L22 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

Me NH

RN 230615-76-6 CAPLUS
CN 1,5-Methano-1H-3-benzazepine, 7-chloro-2,3,4,5-tetrahydro-3(trifluoroacetyl) - (9CI) (CA INDEX NAME)

F3C-C-N-C1

RN 230615-77-7 CAPLUS CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-iodo-3-(trifluoroacetyl) - (9CI) (CA INDEX NAME)

F3C-C-N-1

RN 230615-78-8 CAPLUS
CN 1,5-Methano-3H-3-benzazepine-3-carboxylic acid, 1,2,4,5-tetrahydro-7-iodo, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

€-Buo-C-N

RN 230615-79-9 CAPLUS
CN 1,5-Methano-3H-3-benzazepine-3-carboxylic acid, 7-cyano-1,2,4,5-tetrahydro,1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

t-BuO-C-N

RN 230615-80-2 CAPLUS Page 24 L22 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued) (trifluoroacety1)- (9CI) (CA INDEX NAME)

F3C-C-NOHOOH

RN 230615-72-2 CAPLUS
CN 1,5-Methano-1H-3-benzazepin-7-ol, 8-amino-2,3,4,5-tetrahydro-3-(trifluoroacetyl)- (9C1) (CA INDEX NAME)

F3C-C-NUMP OH

RN 230615-73-3 CAPLUS
CN 5,9-Methano-5H-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-7(tcifluoroacety)- (9CI) (CA INDEX NAME)

O CF3

RN 230615-74-4 CAPLUS
CN 5,9-Methano-5H-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-2-methyl-7(trifluoroacetyl)- (9C1) (CA INOEX NAME)

Me N C-CF3

RN 230615-75-5 CAPLUS
CN 5,9-Methano-5H-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-2-methyl(9C1) (CA INDEX NAME)

L22 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)
CN 1,5-Methano-1H-3-benzazepine, 7-acetyl-2,3,4,5-tetrahydro-3(trifluoroacetyl) - {9CI} (CA INDEX NAME)

RN 230615-81-3 CAPLUS
CN 1,5-Methano-3H-3-benzazepine-3-carboxylic acid, 7-acetyl-1,2,4,5-tetrahydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

z-BuO-C-N Ac

RN 230615-82-4 CAPLUS
CN 1,5-Methano-1H-3-benzazepin-7-o1, 2,3,4,5-tetrahydro-3-(trifluoroacety1)-,
acetate (ester) (9C1) (CA INDEX NAME)

F3C-C-NOAC

RN 230615-83-5 CAPLUS
CN 1,5-Methano-1H-3-benzazepin-7-ol, 2,3,4,5-tetrahydro-3-(trifluoroacetyl)-(9CI) (CA INDEX NAME)

F3C-C-N

RN 230615-84-6 CAPLUS
CN 1,5-Methano-IH-3-benzazepin-7-ol, 8-acetyl-2,3,4,5-tetrahydro-3-trifluoroacetyl)- (9CI) (CA INDEX NAME)

L22 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

230615-85-7 CAPLUS
1,5-Methano-1H-3-benzazepin-7-ol, 2,3,4,5-tetrahydro-8-{1-(hydroxyimino)ethyl]-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)

230615-86-8 CAPLUS
5,9-Methano-5H-isoxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-3-methyl-7-(trifluoroacetyl) - (9CI) (CA INDEX NAME)

230615-88-0 CAPLUS
1,5-Methano-IH-3-benzazepine, 7,8-dichloro-2,3,4,5-tetrahydro-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)

230615-89-1 CAPLUS
1,5-Methano-1H-3-benzazepine-7-aulfonyl chloride, 2,3,4,5-tetrahydro-3-(trifluoroaetyl)- (9CI) (CA INDEX NAME)

ANSWER 10 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued) 357424-25-0 CAPLUS 1,5-Methano-IH-3-benzazepine-7-sulfonamide, 2,3,4,5-tetrahydro-N,N-dimethyl- (9CI) (CA INDEX MAME)

357424-47-6 CAPLUS 6,10-Methano-6H-pyrido(2,3-h][3]benzazepine, 2-chloro-7,8,9,10-tetrahydro-(9CI) (CA INDEX NAME)

357425-94-6 CAPLUS Ethanethioantde, N-[2,3,4,5-tetrahydro-3-(2,2,2-trifluoro-1-thioxoethyl)-1,5-methano-1H-3-benzazepin-7-yl]- (9C1) (CA INDEX NAME)

$$\begin{array}{c|c} S \\ NH-C-Me \\ \hline \\ F_3C-C-N \\ \hline \end{array}$$

357425-98-0 CAPLUS 6,10-Methano-GH-pycido(2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-8-(trifluoroacetyl)- (9CI) (CA INDEX NAME)

357425-99-1 CAPLUS 6,10-Methano-6H-pyrido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-2-methyl-e-(trifluoroacetyl)- (9C1) (CA INDEX NAME)

L22 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

249296-44-4 CAPLUS 6,10-Methano-GH-Dyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro- (9CI) (CA INDEX NAME)

328055-86-3 CAPLUS 1,5-Methano-IH-3-benzazepine, 2,3,4,5-tetrahydro-7-nitro- (9CI) (CA INDEX NAME)

328055-99-8 CAPLUS 1,5-Methano-1H-3-benzazepine, 7,8-dichloro-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

357424-20-5 CAPLUS 5,9-Methano-5H-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro- (9CI) (CA INDEX NAME)

L22 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

357426-00-7 CAPLUS 6,10-Methano-GH-pyrido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-3-methyl-8-(trifluoroacetyl)- (9CI) (CA INDEX NAME)

 $357426-01-8 \quad CAPLUS \\ 6,10-Methano-6-H-pyrido[2,3-h][3]benzazepine, 3-ethyl-7,8,9,10-tetrahydro-8-(trifluoroacetyl)- (9C1) (CA INDEX NAME)$

357426-02-9 CAPLUS 6,10-Methano-6H-pyrido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-4-methyl-8-(ttrifluoroacetyl)- (9CI) (CA INDEX NAME)

357426-04-1 CAPLUS
Propanamide, 3,3-dimethoxy-N-[2,3,4,5-tetrahydro-3-{trifluoroacetyl}-1,5-methano-1H-3-benzazepin-7-yl]- (9C1) (CA INDEX NAME)

L22 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

357426-05-2 CAPLUS 6,10-Methano-2H-pyrido[2,3-h][3]benzazepin-2-one, 1,6,7,8,9,10-hexahydro-8-(trifluoroaetyl)- (9CI) (CA INDEX NAME)

357426-06-3 CAPLUS 6,10-Hethano-6H-ypcido[2,3-h][3]benzazepine, 2-chloro-7,8,9,10-tetrahydro-8-(trifluoroacety)]- [9CI] (CA INDEX NAME)

357426-07-4 CAPLUS 6,10-Methano-8H-pyrido[2,3-h][3]benzazepine-8-carboxylic acid, 2-chloro-6,7,9,10-tetrahydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

357426-08-5 CAPLUS 6,10-Methano-8H-pyrido[2,3-h][3]benzazepine-8-carboxylic acid, 6,7,9,10-tetrahydro-2-methoxy-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

L22 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

474024-48-1 CAPLUS
1,5-Methano-lH-3-benzazepine, 2,3,4,5-tetrahydro-7-(1-methyl-1H-pyrazol-3-yl)-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)

q.quzq-bf-q CAPLUS
6,10-Methano-8H-pyrazino{2,3-h}{3]benzazepine-8-carboxylic acid,
6,7,9,10-tetrahydro-2,3-dimethyl-, 1,1-dimethylethyl ester (9CI) (CAINDEX NAME) RN CN

1T 230615-05-1P 230615-06-2P 230615-07-3P 230615-05-1P 230615-10-0P 230615-11-0P 230615-11-0P 230615-11-0P 230615-11-0P 230615-11-0P 230615-15-0P 230615-15-0P 230615-16-2P 230615-15-0P 230615-16-2P 230615-18-0P 230615-21-1P 230615-22-0P 230615-22-1P 230615-22-1P 230615-22-1P 230615-22-0P 230615-22-1P 230615-22-0P 230615-23-0P 230615-30-2P 23

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357426-10-9 CAPLUS 6,10-Methano-2H-pyrazino[2,3-h][3]benzazepin-2-one, 1,6,7,8,9,10-hexahydro-8-(trifluoroacetyl)- [9C1] (CA INDEX NAME)

357426-21-2 CAPLUS 1.5-Methano-IH-3-benzazepine, 7-(3-(dimethylamino)-1-oxo-2-propenyl)-2,3,4,5-tertahydro-3-(trifluoroacety)- (9CI) (CA INDEX NAME)

474024-46-9 CAPLUS
1,5-Methano-3H-3-benzazepine-3-carboxylic acid, 7-amino-1,2,4,5-tetrahydro-8-[(2-methylpropyl) amino]-, 1,1-dimethylethyl ester (9C1) (CA INDEX NAME)

474024-47-0 CAPLUS 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-(1-methyl-1H-pyrazol-5-yl)-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)

ANSWER 10 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued) 1,5-Methano-IH-3-benzazepin-7-amine, 2,3,4,5-tetrahydro-, monohydrochloride (9CI) (CA INDEX NAME)

230615-06-2 CAPLUS Acetamide, N-(2,3,4,5-tetrahydro-1,5-methano-1H-3-benzazepin-7-yl)-, monohydrochloride (9CI) (CA INDEX NAME)

● HCl

230615-07-3 CAPLUS 5,9-Methano-5H-thiazolo(4,5-h)[3]benzazepine, 6,7,8,9-tetrahydro-2-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

#C1

230615-09-5 CAPLUS 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-1-propyl-, anonhydrochloride (9CI) (CA INDEX NAME)

L22 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

Me NH

• HCl

RN 230615-10-8 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-, monohydrochloride (9CI) (CA INDEX NAME)

● HC1

RN 230615-11-9 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

● HCl

RN 230615-12-0 CAPLUS
CN 5,9-Methanoiaidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydco-2-methyl-,
monohydrochlozide (SCI) (CA INDEX NAME)

L22 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

• HC

RN 230615-16-4 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1-(2-methylpropyl)-, monohydrochloride (9CI) (CA INDEX NAME)

i-Bu N

• HC1

RN 230615-17-5 CAPLUS
CN 5,9-Methanoimidazo{4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1-phenyl-,
monohydrochloride (9C1) (CA INDEX NAME)

Ph N

• HCl

RN 230615-18-6 CAPLUS CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-1phenyl-, monohydrochloride (9CI) (CA INDEX NAME) L22 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

• HCl

RN 230615-13-1 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1,2-dimethyl-, monohydrochloride (9CI) (CA INDEX NAME)

• HCl

RN 230615-14-2 CAPLUS
CN 5,9-Methanolmidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1-propyl-,
monohydrochloride (9CI) (CA INDEX NAME)

HC1

RN 230615-15-3 CAPLUS CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1-butyl-1,5,6,7,8,9-hexahydro-, monohydrochloride [9CI) (CA INDEX NAME)

L22 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

● HCl

RN 230615-19-7 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-1(2-methylpropyl)-, monohydrochloride (9CI) (CA INDEX NAME)

HC1

RN 230615-20-0 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1-(2,2-dimethylpropyl)1,5,6,7,8,9-hexhaydro-2-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Me 3C-CH2 Me N

• HCl

RN 230615-21-1 CAPLUS CN 6,10-Methano-6H-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-2,3dimethyl-. monohydrochlotide (9Cl) (CA INDEX NAME)

L22 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

HN N Me

• HCl

RN 230615-22-2 CAPLUS CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1-(2,2-dimethylpropyl)-1,5,6,7,8,9-heanhydro-, monohydrochloride (9CI) (CA INDEX NAME)

Me3C-CH2

● HC1

RN 230615-23-3 CAPLUS
CN 6,10-Methano-GH-pyrazino(2,3-h)[3]benzazepine, 6,7,8,9-tetrahydro-,
monohydrochloride (9CI) (CA INDEX NAME)

HIN N

• HC1

RN 230615-24-4 CAPLUS
CN 6,10-Methano-GH-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-8-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

L22 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

• HCl

RN 230615-28-8 CAPLUS
CN 1,5-Methano-1H-3-benzazepine, 7-chloro-2,3,4,5-tetrahydro-, hydrochloride (9CI) (CA INDEX NAME)

HN C1

• HCl

RN 230615-29-9 CAPLUS
CN 1,5-Methano-1H-3-benzazepine-7-carbonitrile, 2,3,4,5-tetrahydro-,
monohydrochloride (9CI) (CA INDEX NAME)

HIN

• HC1

RN 230615-30-2 CAPLUS
CN 1,5-Methano-IH-3-benzazepine, 2,3,4,5-tetrahydro-7-(5-methyl-1,2,4-oxadiazol-3-yl)-, monchydrochloride (9CI) (CA INDEX NAME)

L22 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

(Continued)

HCl

RN 230615-25-5 CAPLUS
CN 5,9-Methano-5H-oxazolo(4,5-h)[3]benzazepine, 6,7,8,9-tetrahydromonohydrochloride (9CI) (CA INDEX NAME)

N Ni

• HCl

RN 230615-26-6 CAPLUS
CN 5,9-Methano-5H-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-2-methyl-,
monohydrochloride (9CI) (CA INDEX NAME)

Me NH

● HC1

RN 230615-27-7 CAPLUS
CN Benzamide, 2-fluoro-N-(2,3,4,5-tetrahydro-8-hydroxy-1,5-methano-1H-3-benzazepin-7-y1)-, monohydrochloride (9CI) (CA INDEX NAME)

1.22 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Con

IN N-O Me

• HC1

RN 230615-31-3 CAPLUS
CN Ethanone, 1-(2,3,4,5-tetrahydro-1,5-methano-1H-3-benzazepin-7-yl)-,
hydrochloride (9C1) (CA INDEX NAME)

HN AC

• HC

RN 230615-32-4 CAPLUS
CN 1,5-Methano-1H-3-benzazepin-7-ol, 2,3,4,5-tetrahydro-, hydrochloride (9CI)
(CA INDEX NAME)

HIN O

• HCl

RN 230615-33-5 CAPLUS
CN 5,9-Methano-5H-igoxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-3-methyl, monohydrochloride (9CI) (CA INDEX NAME)

L22 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)



● HCl

230615-34-6 CAPLUS
1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-(1-methyl-1H-pyrazol-5-yl)-, monohydrochloride (9CI) (CA INDEX NAME)



230615-35-7 CAPLUS
1,5-Methano-IH-3-benzazepine, 2,3,4,5-tetrahydro-7-(1-methyl-1H-pyrazol-3-yl)-, monohydrochloride (9CI) (CA INDEX NAME)

230615-36-8 CAPLUS 1,5-Methano-1H-3-benzazepine, 7,8-dichloro-2,3,4,5-tetrahydro-, hydrochloride (9CI) (CA INDEX NAME)

L22 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

• HCl

230615-40-4 CAPLUS 5,9-Methano-2H-oxazolo[4,5-h][3]benzazepin-2-one, 3,5,6,7,8,9-hexahydro-, monohydrochloride [9CI] (CA INDEX NAME)



357425-82-2 CAPLUS 6,10-Methano-GH-pyrido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-,dihydrochloride (9CI) (CA INDEX NAME)

357425-83-3 CAPLUS 6,10-Methano-GH-pyrido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-2-methyl-dihydrochloride (9CI) (CA INDEX NAME)

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L22 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

• HCl

230615-37-9 CAPLUS 1,5-Methano-1H-3-benzazepine-7-sulfonamide, 2,3,4,5-tetrahydro-N,N-dimethyl-, monohydrochloride (9CI) (CA INDEX NAME)

● HCl

230615-38-0 CAFLUS Pycrolidine, 1-(12,3,4,5-tetrahydro-1,5-methano-1H-3-benzazepin-7-yll sulfonyl]-, monhydrochloride (9Cl) (CA 1NDEX NAME)

● HCl

230615-39-1 CAPLUS 5,9-Methanopyrrolo[2,3-h][3]benzazepin-2(1H)-one, 3,5,6,7,8,9-hexahydro-, monohydrochloride (9CI) (CA INDEX NAME)

L22 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

357425-86-6 CAPLUS 6,10-Methano-68t-pyrido[2,3-h][3]benzazepine, 3-ethyl-7,8,9,10-tetrahydro-dihydrochloride (9CI) (CA INDEX NAME)

●2 HCl

357425-87-7 CAPLUS 6,10-Methano-6f-pyrido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-4-methyl-dihydrochloride (9CI) (CA INDEX NAME)

●2 HC1

357425-88-8 CAPLUS 6,10-Methano-ZH-pyrido[2,3-h](3]benzazepin-2-one, 1,6,7,8,9,10-hexahydro-,dihydrochloride (9C1) (CA INDEX NAME)

357425-89-9 CAPLUS 6,10-Methano-GH-pycido[2,3-h][3]benzazepine, 2-chloro-7,8,9,10-tetrahydro-monohydrochloride (9CI) (CA INDEX NAME)

L22 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

HC1

357425-90-2 CAPLUS 6,10-Methano-6H-pycido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-2-methowy-, monohydrochloride (9CI) (CA INDEX NAME)

357425-92-4 CAPLUS 6,10-Methano-2H-pyrazino{2,3-h}[3]benzazepin-2-one, 1,6,7,8,9,10-hexahydro-monohydrochloride (9CI) (CA INDEX NAME)

357425-93-5 CAPLUS 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-, 4-methylbenzenesulfonate (9CI) (CA INDEX NAME)

CM 1

CRN 69718-72-5 CMF C11 H13 N

L22 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

• HCl

474024-51-6 CAPLUS 5,9-Methano-2H-oxazolo[4,5-h][3]benzazepine, 3,5,6,7,8,9-hexahydro-2-(1-methylethyl)-, monohydrochloride [9CI] (CA INDEX NAME)

● HC1

474024-52-7 CAPLUS 6,10-Methano-6H-pyrido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-3-methyl-,dihydrochloride [9CI] (CA INDEX NAME)

●2 HC1

474024-50-3 CAPLUS
5,9-Methano-5H-thiazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-2-methyl-7-(2,2,2-trifluoro-1-thioxoethyl)- [9CI] (CA INDEX NAME)

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L22 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

CM 2

CRN 104-15-4 CMF C7 H8 O3 S

357426-13-2 CAPLUS 1,5-Methano-2H-3-benzazepin-2-one, 1,3,4,5-tetrahydto- (9CI) (CA INDEX

474024-49-2 CAPLUS
5,9-Methano-ZH-vazzolo[4,5-h][3]benzazepine, 3,5,6,7,8,9-hexahydro-2-(phenylmethyl)-, monohydrochloride (9CI) (CA INDEX NAME)

• HCl

474024-50-5 CAPLUS
5,9-Methano-2H-oxazolo(4,5-h)[3]benzazepine, 2-ethyl-3,5,6,7,8,9-hexahydro, monohydrochloride (9CI) (CA INOEX NAME)

L22 ANSWER 11 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
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Use of GABAA inverse agonists in combination with nicotine receptor partial agonists, estrogen, selective estrogen modulators, or vitamin E for the treatment of cognitive disorders
Villalobos, Anabella
PATENT ASSIGNEE(S):
PRIENT ASSIGNEE(S):
PRIEN

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	W:	AE,	AG,	AL,	AM,	AT,	AU,	AZ,	BA,	BB,	BG,	BR,	BY,	BZ,	CA,	CH,	CN,
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EP	EP 1363606		A1 20031126				EP 2002-700509 20020220										
	R:					DK,						LI,	ĽU,	NL,	SE,	MC,	PT,
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US	2004	0825	55	A	1	2004	0429							2003			
IORIT	Y APP	LN.	INFO	.:										2001			
														2002			
														2002			

R SOURCE(S): MARPAT 137:210972
A pharmaceutical composition and method of treatment of diseases of OTHER SOURCE(S):

A pharmaceutical composition and method of treatment of diseases of nitive grounding and method of treatment of a GABAA inverse agonist or a pharmaceutically acceptable salt thereof; and a nicotine receptor partial agonist, an estrogenic agent, selective estrogen receptor modulator or vitamin E or a pharmaceutically acceptable salt thereof; and a pharmaceutically acceptable salt thereof; and a pharmaceutically acceptable salt thereof; and a nicotine receptor partial agonist, estrogen, selective estrogen receptor modulator or vitamin E are present in amat, that render the composition effective enhancing cognition or in the treatment of diseases of cognitive dysfunction including but not limited to Alzheimer's Disease (AD), mild cognitive impairment, age-related cognitive decline, vascular dementia, Parkinson's disease, Huntington's disease, memory impairment associated with depression or anxiety, schizophrenia, Down's syndrome, stroke, traumatic brain injury (TBI), AIDS associated dementia and attention deficit disorder. The method of using these compans is also disclosed.

69718-72-5 249266-44-4 267973-28-6
2328055-79-4 328055-80-7 328055-81-8 328055-84-1 328055-86-1 328055-86-1

L22 ANSWER 11 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)
328055-80-4 328055-80-5 328055-90-6
328055-90-9 328055-92-1 328055-94-3
328055-95-4 328055-96-5 328055-97-6
328055-99-8 328056-66-2 357424-19-2
367511-27-1 367511-30-6 367511-38-4
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(use of GABAA inverse agonists in combination with nicotine receptor partial agonists or estrogen or selective estrogen modulators or vitamin E for treatment of cognitive disorders)
RN 69718-72-5 CAPLUS
CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

249296-44-4 CAPLUS 6,10-Methano-6H-pyrazino{2,3-h][3]benzazepine, 7,8,9,10-tetrahydco- (9CI) (CA INDEX MAME)

287973-26-6 CAPLUS 1,5-Methano-1H-3-benzazepine, 7,8-difluoro-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

287973-27-7 CAPLUS 1,5-Methano-IH-3-benzazepine-7-carbonitrile, 8-ethynyl-2,3,4,5-tetrahydro-(9CI) (CA INDEX NAME)

C≡ CH

328055-77-2 CAPLUS 5,9-Methanopyrrolo[3,4-h][3]benzazepin-1(2H)-one, 3,5,6,7,8,9-hexahydro-2-

L22 ANSWER 11 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

328055-84-1 CAPLUS 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-methyl- (9CI) (CA INDEX NAME)

328055-95-2 CAPLUS 1,5-Methano-IH-3-benzazepine, 2,3,4,5-tetrahydro-7-(trifluoromethyl)-(9CI) (CA INDEX NAME)

328055-86-3 CAPLUS 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-nitro- (9CI) (CA INDEX NAME)

NO2

5,9-Methanoinidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-l-methyl-[9CI] (CA INDEX NAME) 328055-87-4 CAPLUS

328055-88-5 CAPLUS 5,9-Methanolmidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-(GCI) (CA INDEX NAME)

L22 ANSWER 11 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN methyl- (9CI) (CA INDEX NAME)

328055-78-3 CAPLUS 5.9-Methanopyrcolo[3,4-h][3]benzazepin-1(2H)-one, 3,5,6,7,8,9-hexahydro-(9CI) (CA INDEX NAME)

328055-79-4 CAPLUS 5,9-Methanoinidazo[4,5-h][3]benzazepin-2(1H)-one, 3,5,6,7.8,9-hexahydro-(9CI) (CA INDEX NAME)

328055-80-7 CAPLUS 1,5-Methano-1H-3-benzazepine, 7-fluoro-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

328055-81-8 CAPLUS
1,5-Methano-IH-3-benzazepine, 7-ethynyl-8-fluoro-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

L22 ANSWER 11 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

328055-89-6 CAPLUS 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1,2-dimethyl-(9C1) (CA INDEX NAME)

328055-90-9 CAPLUS 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-1-phenyl- (9CI) (CA INDEX NAME)

328055-92-1 CAPLUS 6,10-Methano-6H-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-8-methyl- (9CI) (CA INDEX NAME)

328055-94-3 CAPLUS 1,5-Methano-IH-3-benzazepine, 7-chloro-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

328055-95-4 CAPLUS 1,5-Methano-IH-3-benzazepine-7-carbonitrile, 2,3,4,5-tetrahydto- (9CI) (CA INDEX NAME)

L22 ANSWER 11 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

328055-96-5 CAPLUS Ethanone, 1-(2,3,4,5-tetrahydro-1,5-methano-1H-3-benzazepin-7-y1)- (9CI) (CA INDEX NAME)

328055-97-6 CAPLUS 1,5-Methano-1H-3-benzazepin-7-ol, 2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

) CAPLUS -1H-3-benzazepine, 7,8-dichloro-2,3,4,5-tetrahydro- (9CI) (CA

328056-66-2 CAPLUS

1.5-Methano-1H-3-benzazepine-7-carbonitrile, 8-fluoro-2,3,4,5-tetrahydro-(9CI) (CA INDEX NAME)

357424-19-2 CAPLUS 6,10-Methano-6H-pyrazino[2,3-h][3]benzazepine, 7,0,9,10-tetrahydro-2,3-

L22 ANSWER 12 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2002:671909 CAPLUS
TITLE: 137:201144
SULfamide derivatives useful as β3 agonists
DOW, Robert Lee: Paight, Ernest Sidney, Jr.
PATENT ASSIGNEE(S): Products Inc., USA
EUr. Pat. Appl., 41 pp.
COODEN: EEXXDW
DOCUMENT TYPE: Patent
Foolish

English

LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. APPLICATION NO. DATE KIND DATE PATENT NO. KIND DATE APPLICATION NO. DATE

EP 1236723 A1 20020904 EP 2002-251221 20020222

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LV, NL, SE, MC, PT,

IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

US 2002128247 A1 20020912 US 2002-86588 20020228

BR 2002000626 A 20030715 BR 2002-626 20020301

RITTY APPLN. INFO:: US 2001-272681P P 20010301

R SOURCE(S): MARPAT 137:201144

PRIORITY APPLN. INFO.: OTHER SOURCE(S):

11

Sulfamides ROCHArCHZNRICRZR3CHZXC6H4NR5SOZNR6R7 [Ar = (un)substituted aryl, heteroaryl; R = H, protective group; R1 = H, alkyl; protective group; RR1 = bond; RZ, R3, R5 = H, alkyl; R6, R7 = h, (un)substituted alkyl; cycloalkyl, heterocyclic, aryl, heteroaryl; NR6R7 = cyclic amino; X = bond, O, S, S(O), SOZ, (un)substituted NH; in which the benzene ring may be further substituted by halogen, CN, (un)substituted alkyl; alkoxyl] were prepared for use in the treatment of diseases dependent on the signaling pathways associated with β-adrenergic receptors, such as obesity, dishetes, hypertension, gastrointestinal hypo- or hyper-motility and cardiovascular diseases. Thus, 4-OZNCGHACTZCMEZNIZ was treated with (R)-3-chlorostyrene oxide, cyclized to the nitrophenyloxazolidinone, the nitro group reduced to amine, and treated with 1-piperidinesulfamoyl chloride to give the oxazolidine I which was treated with NOH to give the title compound II. All the products showed selective β3-adrenergic activity.

activity.

454218-95-2P 454219-69-3P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU

Page 32

L22 ANSWER 11 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN dimethyl- (9C1) (CA INDEX NAME)

(Continued)

367511-27-1 CAPIUS

5,9-Me (9CI) Methanopyrrolo[2,3-h][3]benzazepin-3(5H)-one, 6,7,8,9~tetrahydro-t) (CA INDEX NAME)

367511-30-6 CAPLUS

5,9-Methanopyrrolo[2,3-h][3]benzazepin-3(5H)-one, 6,7,8,9-tetrahydro-2-methyl- (9CI) (CA INDEX NAME)

56/5-Methanopyrrolo[3,4-h][3]benzazepin-1(5H)-one, 6,7,8,9-tetrahydro-3-methyl- (9CI) (CA INDEX NAME)

REFERENCE COUNT:

THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L22 ANSWER 12 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued) (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(Uses)
(prepn. of sulfamides with selective β3 agonist activity)
(\$4218-95-2 CAPLUS
1,5-Methano-3H-3-benzazepine-3-sulfonamide, 1,2,4,5-tetrahydro-N-[4-[2-[(2R)-2-hydroxy-2-(3-pyridinyl)ethyl]amino]ethyl]phenyl]-7(trifluoromethyl)-, dihydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

●2 HC1

454219-69-3 CAPLUS
1,5-Methano-3H-3-benzazepine-3-sulfonamide, 1,2,4,5-tetrahydro-N-[4-[2-[(2R)-2-hydroxy-2-(3-pyridinyl)ethyl]amino]ethyl]phenyl]-7-(trifluoromethyl)- (9Cl) (CA INDEX NAME)

Absolute stereochemistry.

L22 ANSWER 13 OF 23
ACCESSION NUMBER:
DOCUMENT NUMBER:
136:145265
A pharmaceutical composition for the treatment of attention deficit hyperactivity disorder (ADHD) comprising a nicotine receptor partial agonist and anti-ADHD agent
Watsky, Eric Jacob: Coe, Jotham Wadsworth: Harrigan, Edmund Patrick: O'Neill, Brian Thomas: Sands, Steven Bradley
PATENT ASSIGNEE(S):
SOURCE:
DOCUMENT TYPE:
Patent

COORN: EPXKUP
Patent

Pate

DOCUMENT TYPE: Patent English 1

FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

APPLICATION NO. DATE PATENT NO. KIND DATE

PATENT NO. KIND DATE APPLICATION NO. DATE

EP 1177798 A2 20020206 EP 2001-306455 20010727
EP 1177798 A3 20030305
R: A7, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, ES, ILT, LV, FI, RO
US 2002016334 A1 20020207 US 2001-865793 20010525
BR 2001003169 A 20020208 BR 2001-3169 20010731
JP 2002316949 A2 20021031 JP 2001-23154 20010731
PRIORITY APPLN. INFO.: US 2000-221718P P 20000731
AB Pharmaceutical compms. are disclosed for the treatment of attention deficit hyperactivity disorder (ADHD). The pharmaceutical compms are comprised of a therapeutically effective combination of a nicotine recomptor partial agonist and an anti-ADHD agent and a pharmaceutically represented by the second of the pharmaceutical composition of the second of the se

L22 ANSWER 13 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

230615-75-5 CAPLUS 5,9-Methano-5H-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-2-methyl-(9CI) (CA INDEX NAME)

(Continued)

249296-44-4 CAPLUS 6,10-Methano-GH-pycazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro- (9CI) (CA INDEX NAME)

249296-44-4 CAPLUS 6,10-Methano-6H-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro- (9CI)

287973-26-6 CAPLUS 1,5-Methano-1H-3-benzazepine, 7,8-difluoro-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME

287973-26-6 CAPLUS 1.5-Methano-1H-3-benzazepine, 7,8-difluoro-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

L22 ANSWER 13 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)
(nicotine receptor partial agonist and anti-attention deficit
hyperactivity disorder agent for pharmaceutical compn. for treatment of
attention deficit hyperactivity disorder)

1,S-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

69718-72-5 CAPLUS 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

69718-77-0 CAPLUS 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-3-methyl- (9CI) (CA INDEX NAME)

69718-77-0 CAPLUS 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-3-methyl- (9CI) (CA

230615-75-5 CAPLUS \$,9-Methano-5H-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-2-methyl-[9CI) (CA INDEX NAME)

L22 ANSWER 13 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

$$\mathsf{HN} \bigcup \mathsf{F}^\mathsf{F}$$

1,5-Methano-1H-3-benzazepine-7-carbonitrile, 8-ethynyl-2,3,4,5-tetrahydro-(9C1) (CA INDEX NAME) 287973-27-7 CAPLUS

287973-27-7 CAPLUS 1,5-Methano-IH-3-benzazepine-7-carbonitrile, 8-ethynyl-2,3,4,5-tetrahydro-(9CI) (CA INDEX NAME)

328055-77-2 CAPLUS 5,9-Methanopyrrolo[3,4-h][3]benzazepin-1(2H)-one, 3,5,6,7,8,9-hexahydro-2-methyl- (9CI) (CA INDEX NAME)

328055-77-2 CAPLUS 5,9-Methanopyrcnoi(3,4-h)[3]benzazepin-1(2H)-one, 3,5,6,7,8,9-hexahydro-2-methyl- (9CI) (CA INDEX NAME)

328055-78-3 CAPLUS 5,9-Methanopycrolo(3,4-h)[3]benzazepin-1(2H)-one, 3,5,6,7,8,9-hexahydco-(9C1) (CA INDEX NAME)

122 ANSWER 13 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

RN 328055-78-3 CAPLUS
CN 5,9-Methanopyrtolo[3,4-h][3]benzazepin-1(2H)-one, 3,5,6,7,8,9-hexahydro(9CI) (CA INDEX NAME)

RN 328055-79-4 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepin-2(1H)-one, 3,5,6,7,8,9-hexahydro(9CI) (CA INDEX NAME)

RN 328055-79-4 CAPLUS
CN 5,9-Hethanoimidazo[4,5-h][3]benzazepin-2(1H)-one, 3,5,6,7,8,9-hexahydro-(9CI) (CA INDEX NAME)

RN 328055-80-7 CAPLUS
CN 1,5-Hethano-1H-3-benzazepine, 7-fluoro-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

L22 ANSWER 13 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued) methyl-, 1,1-dioxide (9CI) (CA INDEX NAME)

RN 328055-85-2 CAPLUS
CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-(trifluoromethyl)-(9C1) (CA INDEX NAME)

RN 328055-85-2 CAPLUS
CN 1,5-Methano-IH-3-benzazepine, 2,3,4,5-tetrahydro-7-(trifluoromethyl)-(9C1) (CA INDEX NAME)

RN 328055-96-3 CAPLUS CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-nitro (9CI) (CA INDEX NAME)

RN 328055-87-4 CAPLUS CN 5,9-Methanolm.dazo(4,5-h)[3]benzazepine, 1,5,6,7,8,9-hexahydro-1-methyl-(9CI) (CA INDEX NAME)

Page 34

L22 ANSWER 13 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued

RN 328055-80-7 CAPLUS CN 1,5-Methano-1H-3-benzazepine, 7-fluoro-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

RN 328055-81-8 CAPLUS
CN 1,5-Methano-1H-3-benzazepine, 7-ethynyl-8-fluoro-2,3,4,5-tetrahydro- (9CI)
(CA INDEX NAME)

RN 328055-81-8 CAPLUS CN 1,5-Methano-1H-3-benzazepine, 7-ethynyl-8-fluoro-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

RN 328055-83-0 CAPLUS
CN 5,9-Methano-2H-isothiazolo[4,5-h][3]benzazepine, 3,5,6,7,8,9-hexahydro-2methyl-, 1,1-dioxide [9CI) (CA INDEX NAME)

RN 328055-83-0 CAPLUS
CN 5,9-Methano-2H-isothiazolo[4,5-h][3]benzazepine, 3,5,6,7,8,9-hexahydro-2-

L22 ANSWER 13 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

RN 328055-87-4 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1-methyl[9C1] (CA INDEX NAME)

RN 328055-88-5 CAPLUS CN 5,9-Hethanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-(9C1) (CA INDEX NAME)

RN 328055-88-5 CAPLUS CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-[9CI] (CA INDEX NAME)

RN 328055-89-6 CAPLUS (5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1,2-dimethyl- (921) (CA INDEX NAME)

AMSWER 13 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued) 328055-89-6 CAPLUS 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1,2-dimethyl- (9C1) (CA INDEX NAME)

328055-90-9 CAPLUS 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-1-phenyl- (9CI) (CA INDEX NAME)

328055-90-9 CAPLUS 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-1-phenyl- [9CI] (CA INDEX NAME)

328055-92-1 CAPLUS 6,10-Methano-6H-pyrazino{2,3-h}[3]benzazepine, 7,8,9,10-tetrahydro-8-methyl- (9CI) (CA INDEX NAME)

328055-92-1 CAPLUS 6,10-Methano-6H-pycazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-8-methyl- (9CI) (CA INDEX NAME)

L22 ANSWER 13 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (CA INDEX NAME)

328055-96-5 CAPLUS Ethanone, 1-(2,7,4,5-tetrahydro-1,5-methano-1H-3-benzazepin-7-y1)- (9CI) (CA INDEX NAME)

328055-97-6 CAPLUS 1,5-Methano-1H-3-benzazepin-7-ol, 2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

328055-97-6 CAPLUS 1,5-Methano-1H-3-benzazepin-7-ol, 2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

328055-98-7 CAPLUS 5,9-Methano-5H-isoxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-3-methyl-(9CI) (CA INDEX NAME)

RN 328055-98-7 CAPLUS

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L22 ANSWER 13 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

328055-94-3 CAPLUS 1,5-Hethano-IH-3-benzazepine, 7-chloro-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

328055-94-3 CAPLUS 1,5-Methano-1H-3-benzazepine, 7-chloro-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

328055-95-4 CAPLUS 1,5-Methano-IH-3-benzazepine-7-carbonitrile, 2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

328055-95-4 CAPLUS 1,5-Methano-IH-3-benzazepine-7-carbonitrile, 2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

328055-96-5 CAPLUS Ethanone, 1-(2,3,4,5-tetrahydro-1,5-methano-1H-3-benzazepin-7-yl)- (9CI)

ANSWER 13 OF 23 CAPLUS COPYRIGHT 2004 AC5 on STN (Continued) 5,9-Methano-SH-isoxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-3-methyl-[9C1) (CA INDEX NAME)

328055-99-8 CAPLUS 1,5-Methano-LH-3-benzazepine, 7,8-dichloro-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

328055-99-8 CAPLUS 1,5-Methano-IH-3-benzazepine, 7,8-dichloro-2,3,4.5-tetrahydro- (9CI) (CA INDEX NAME)

328056-66-2 CAPLUS 1,5-Methano-IH-3-benzazepine-7-carbonitrile, 8-fluoro-2,3,4,5-tetrahydro-[GCT] (CA INDEX NAME)

328056-66-2 CAPLUS 1,5-Methano-IH-3-benzazepine-7-carbonitrile, 8-fluoro-2,3,4,5-tetrahydro-(9C1) (CA INDEX NAME)

ANSWER 13 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued) 357424-19-2 CAPLUS 6,10-Methano-6H-pyrazino(2,3-h)[3]benzazepine, 7,8,9,10-tetrahydro-2,3-dimethyl- (9CI) (CA INDEX NAME)

337424-19-2 CAFBUS 6,10-Methano-6H-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-2,3-dimethyl- (9CI) (CA INDEX NAME)

357424-20-5 CAPLUS

5,9-Methano-5H-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro- (9CI) (CA INDEX NAME)

357424-20-5 CAPLUS

S.9-Methano-5H-oxazolo[4,5-h][3]benzazepine, 6,7,0,9-tetrahydro- (9CI) (CA INDEX NAME)

L22 ANSWER 14 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)
(compos. comprising nicotine receptor partial agonist and antiobesity agent for treatment of obesity and related disorders)
RN 69718-72-5 CAPLUS
CN 1,5-Methano-IH-3-benzazepine, 2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

230615-75-5 CAPLUS 5,9-Methano-SH-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-2-methyl-[9C1] (CA INDEX NAME)

249296-44-4 CAPLUS

6,10-Methano-6H-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro- (9CI) (CA INDEX NAME)

287973-26-6 CAPLUS

.5-Methano-1H-3-benzazepine, 7,8-difluoro-2,3,4,5-tetrahydro- (9CI) (CA

287973-27-7 CAPLUS 1,5-Methano-IH-3-benzazepine-7-carbonitrile, 8-ethynyl-2,3,4,5-tetrahydro-(9C1) (CA INDEX NAME)

328055-77-2 CAPLUS 5,9-Methanopyrrolo[3,4-h][3]benzazepin-1(2H)-one, 3,5,6,7,8,9-hexahydro-2-

Page 36

L22 ANSWER 14 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2001:885334 CAPLUS
136:658 A pharmaceutical composition for the treatment of obesity or to facilitate or promote weight loss, comprising a nicotine receptor partial agonist and an anti-obesity agent
INVENTOR(S): Coe, Johan W., O'Neill, Brian T.; Sands, Steven B.; Dow, Robert L. B.; Harrigan, Edmund P.; Watsky, Eric J.

Pfizer Products Inc., USA Eur. Pat. Appl., 16 pp. CODEN: EPXXDW Patent PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE: English

FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

L22 ANSWER 14 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN methyl- (9CI) (CA INDEX NAME) (Continued)

328055-78-3 CAPLUS 5,9-Methanopyrrolo[3,4-h][3]benzazepin-1(2H)-one, 3,5,6,7,8,9-hexahydro-(9CI) (CA INDEX NAME)

328055~79-4 CAPLUS

5.9-Methanoimidazo[4,5-h][3]benzazepin-2(1H)-one, 3,5,6,7,8,9-hexahydro-(9CI) (CA INDEX NAME)

328055-80-7 CAPLUS 1,5-Methano-1H-3-benzazepine, 7-fluoro-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

328055-81-8 CAPLUS 1,5-Methano-IH-3-Denzazepine, 7-ethynyl-8-fluoro-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

С≕СН

 $328055-83-0 \quad CAPLUS \\ 5,9-Methano-2H-isothiazolo[4,5-h][3] \ benzazepine, \ 3,5,6,7,8,9-hexahydro-2-pine, \ 3,5,6,7,8,9-hex$

L22 ANSWER 14 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued) methyl-, 1,1-dioxide (9CI) (CA INDEX NAME)

RN 328055-84-1 CAPLUS CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-methyl- (9CI) (CA INDEX NAME)

RN 328055-85-2 CAPLUS CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-(trifluoromethyl)-(9CI) (CA INDEX NAME)

RN 328055-86-3 CAPLUS
CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-nitro- (9CI) (CA INDEX NAME)

RN 328055-87-4 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1-methyl'(9C1) (CA INDEX NAME)

L22 ANSWER 14 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

RN 328055-94-3 CAPLUS CN 1,5-Methano-1H-3-benzazepine, 7-chloro-2,3,4,5-tetrahydro- (9CI) (CA

RN 328055-95-4 CAPLUS
CN 1,5-Methano-1H-3-benzazepine-7-carbonitrile, 2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

RN 328055-96-5 CAPLUS
CN Ethanone, 1-(2,3,4,5-tetrahydro-1,5-methano-1H-3-benzazepin-7-y1)- (9CI)
(CA INDEX NAME)

RN 328055-97-6 CAPLUS
CN 1,5-Methano-lH-3-benzazepin-7-ol, 2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

RN 328055-98-7 CAPLUS
CN 5,9-Methano-SH-isoxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-3-methyl(9C1) (CA INDEX NAME)

L22 ANSWER 14 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued

RN 328055-88-5 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl(9CI) (CA INDEX NAME)

RN 328055-89-6 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1,2-dimethyl- (9CI) (CA INDEX NAME)

RN 328055-90-9 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-1-phenyl- (9CI) (CA INDEX NAME)

RN 328055-92-1 CAPLUS
CN 6,10-Methano-6H:pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-8-methyl- (9C1) (CA INDEX NAME)

L22 ANSWER 14 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

RN 328055-99-8 CAPLUS
CN 1,5-Methano-1H-3-benzazepine, 7,8-dichloro-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

RM 328056-66-2 CAPLUS
CN 1,5-Methano-1H-3-benzazepine-7-carbonitrile, 8-fluoro-2,3,4,5-tetrahydro(9C1) (CA INDEX NAME)

RN 357424-19-2 CAPLUS CN 6,10-Methano-6H-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-2,3-dimethyl- (9C1) (CA INDEX NAME)

RN 357424-20-5 CAPLUS CN 5,9-Methano-SH-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro- (9CI) (CA INDEX NAME)

L22 ANSWER 15 OF 23 CAPLUS COPYRIGHT 2004 ACS ON STN ACCESSION NUMBER: 2001:864711 CAPLUS DOCUMENT NUMBER: 136:11124 DOCUMENT NUMBER: TITLE: Reactive crystallization method to improve particle INVENTOR(S): Am Ende, David Jon; Crawford, Thomas Charles; Weston, Am Bode, David Jon: Crawro Neil Philip Pfizer Products Inc., USA Eur. Pat. Appl., 11 pp. CODEN: EPXXDW Patent PATENT ASSIGNEE(S): SOURCE: DOCUMENT TYPE: English 1 FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE EF 1157726 A1 20011128 EP 2001-304422 20010518
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
1E, S1, LT, LV, FI, RO
BG 105518 A 20011231 BG 2001-105518 20010517
JP 2002028475 A2 20020129 JP 2001-153592 20010523
US 2002016498 A1 20020207 US 2001-863492 20010523
US 20558435 B2 2001086 A1 B2 A A2 A1 A A A A US 6588435 B2 20030506

A2 200104207 A 20021125 ZA 2001-4207 20010523

TR 20010453 A2 20011221 TR 2001-20010145320010524

HR 2001000399 A1 20021231 HR 2001-399 20010524

NO 2001002571 A 20011127 NO 2001-2571 20010525

CK 1326803 A 20011219 CN 2001-119055 20010525

EE 200100284 A 20020215 EE 201-284 20010525

BR 2001002129 A 20020521 BR 2001-2129 20010525

NZ 51966 A 20021126 NZ 2001-511966 20010525

NZ 51966 A 20021126 NZ 2001-511966 20010525

SG 96223 A1 20030523 SG 2001-3136 20010525

PRIORITY APPLIN. INFO:: US 2000-207629P P 20000526

B This invention provides a method of conducting a simultaneous chemical reaction and controlled crystallization of the product employing impinging fluid US 6558435 ZA 2001004207 TR 200101453 20030506 20021125

jet streams containing reactants capable of producing the product with

red
particle size characteristics. An example is give for reaction and
crystallization of ziprasidone to achieve the desired ziprasidone-HCL.H2O.
249296-44-4
(Rischieve crystallization setting to the properties of the properties

$$\prod_{m \in \mathbb{N}} \binom{n}{m}$$

L22 ANSWER 16 OF 23 CAPLUS COPYRIGHT 2004 ACS ON STN ACCESSION NUMBER: 2001:799758 CAPLUS COULENT NUMBER: 135:339282 Nicotine recently and the state of the state

135:339287

Nicotine receptor partial agonist, cholinesterase inhibitor, and estrogenic agent composition for treatment of diseases of cognitive dysfunction in a treatment of diseases of cognitive dysfunction in mammal
Coe, Jotham Wadsworth, Sanda, Steven Bradley, Harrigan, Edmund Patrick, O'Neill, Brian Thomas, Watsky, Eric Jacob
USA
U.S. Pat. Appl. Publ., 20 pp.
CODEN: USXXCO
Patent
English
1

INVENTOR(S):

PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE:

FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE A1 A2 A3 20011101 US 2001-760966 WO 2001-IB681 US 2001036949 W0 2001085145 A2 20011115 W0 2001-1B681 20010424

W1 RE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DB, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LA, LS, LT, UL, VM, AM, MD, MG, MK, MM, MM, MC, NG, NC, PL, PT, RO, NU, YU, SP, SE, SG, SI, SX, SL, TJ, TM, TR, TT, TZ, VA, UG, US, UZ, VM, YU, SP, SE, SG, SI, SX, SL, TJ, TM, TR, TT, TZ, VA, UG, US, UZ, VM, YU, SP, SS, FI, FR, GB, GR, LE, IT, LU, MC, ML, PT, FE, TR, BF, CH, CR, BB, CP, CG, CI, CM, GA, CM, GW, MI, MR, MR, SN, TD, TG

P1280554 A2 20030205 RE 2001010424

R1 AT, BE, CH, DE, DK, ES, FR, GB, GR, LT, LJ, LU, NL, SE, MC, PT, LE, ST, TI, TV, FI, PO, MK, CY, AL, TR, BT, CLI, US, CR, CM, CW, MI, MR, MR, SN, TD, TG

R1 AT, BE, CH, DE, DK, ES, FR, GB, GR, LT, LI, LU, NL, SE, MC, PT, LE, ST, TI, TV, FI, PO, MK, CY, AL, TR, BT, CLI, US, CR, CM, CW, MI, MR, MR, SN, TD, TG

P2001510467 T2 20031105 BR 2001-10487 20010424

US 2003130303 A1 20030710 US 2003-347955 20030121

PRIORITY AFFUM. INFO.: US 2003-24799 P 20005099 US 2001-760966 B1 20010116

W0 2001-160966 B1 20010116

W0 2001-16081 W 20010424

AB A pharmaceutical composition and method of treatment of diseases of cyntive dysfunction in a mammal comprising administration of a nicotine receptor partial agonist or a pharmaceutically acceptable salt thereof; and a nacetylcholinesterase inhibitor, butylcholinesterase inhibitor, apharmaceutically acceptable salt thereof; and a pharmaceutically acceptable salt t 20020613 WO 2001085145

in the treatment of diseases of cognitive dysfunction including but not limited to Alzheimer's Disease, mild cognitive impairment, age-related cognitive decline, vascular dementia, Parkinson's disease dementia, Runtington's Disease, Stroke, TBI, AIDS associated dementia and schizophrenia. The method of using these compns. is also disclosed. 69716-72-5 203615-75-5 20926-44-4
207973-26-6 207973-27-7 320055-77-2

Page 38

L22 ANSWER 15 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN IT 375815-87-5P (Continued) RI: PRR (Properties); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Riological study); PREP (Preparation); USES (Uses) (reactive crystallization method to improve particle size) 375815-87-5 CAPLUS 3/38L3-8/-> CAPLUS 6,10-Methano-GH-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-, (2R,3R)-2,3-dihydroxybutanedioate (1:1) (9CI) (CA INDEX NAME) CM 1 CRN 249296-44-4 CMF C13 H13 N3

2 CM

Absolute stereochemistry.

REFERENCE COUNT:

THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

230615-75-5 CAPLUS

249296-44-4 CAPLUS 6,10-Methano-GH-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro- (9CI) (CA INDEX NAME)

287973-26-6 CAPLUS 1,5-Methano-1H-3-benzazepine, 7,8-difluoro-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

287973-27-7 CAPLUS 1.5-Methano-IH-3-benzazepine-7-carbonitrile, 8-ethynyl-2,3,4,5-tetrahydro-(9CI) (CA INDEX NAME)

L22 ANSWER 16 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

328055-77-2 CAPLUS 5,9-Methanopyrrolo[3,4-h][3]benzazepin-1(2H)-one, 3,5,6,7,8,9-hexahydro-2-methyl- (9CI) (CA INDEX NAME)

328055-78-3 CAPLUS 5,9-Methanopycrolo[3,4-h][3]benzazepin-1(2H)-one, 3,5,6,7,8,9-hexahydro-(9C1) (CA INDEX NAME)

328055-79-4 CAPLUS 5,9-Methanoimidazo[4,5-h][3]benzazepin-2(1H)-one, 3,5,6,7,8,9-hexahydro-(9C1) (CA INDEX NAME)

328055-80-7 CAPLUS 1,5-Methano-IH-3-benzazepine, 7-fluoro-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

L22 ANSWER 16 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

328055-87-4 CAPLUS 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1-methyl-(9C1) (CA INDEX NAME)

328055-88-5 CAPLUS 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-(9C1) (CA INDEX NAME)

328055-89-6 CAPLUS 5,9-Methanoimtdazo(4,5-h)[3]benzazepine, 1,5,6,7,8,9-hexahydro-1,2-dimethyl- (9CI) (CA INDEX NAME)

328055-90-9 CAPLUS 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-1-phenyl- (9C1) (CA INDEX NAME)

328055-92-1 CAPLUS 6,10-Methano-6H-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-8-

Page 39

L22 ANSWER 16 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

328055-81-8 CAPLUS
1,5-Methano-1H-3-benzazepine, 7-ethynyl-8-fluoro-2,3,4,5-tetrahydro- (9CI)
(CA 1NDEX NAME)

328055-83-0 CAPLUS 5,9-Methanor-ZI-iothiazolo[4,5-h][3]benzazepine, 3,5,6,7,8,9-hexahydro-2-methyl-, 1,1-dioxide (9CI) (CA INDEX NAME)

328055-84-1 CAPLUS 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-methyl- (9CI) (CA INDEX NAME)

328055-85-2 CAPLUS 1,5-Methano-IH-3-benzazepine, 2,3,4,5-tetrahydro-7-(trifluoromethyl)-(9C1) (CA INDEX NAME)

328055-86-3 CAPLUS 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-nitro- (9CI) (CA INDEX NAME)

L22 ANSWER 16 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN methyl~ (9C1) (CA INDEX NAME)

328055-94-3 CAPLUS 1,5-Methano-1H-3-benzazepine, 7-chloro-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

328055-95-4 CAPLUS 1,5-Methano-1H-3-benzazepine-7-carbonitrile, 2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

328055-96-5 CAPLUS Ethanone, 1-(2,3,4,5-tetrahydro-1,5-methano-1H-3-benzazepin-7-y1) - (9CI) (CA INDEX NAME)

328055-97-6 CAPLUS 1,5-Hethano-IH-3-benzazepin-7-ol, 2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

328055-98-7 CAPLUS 5,9-Methano-SH-isoxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-3-methyl-(9CI) (CA INDEX NAME)

328055-99-8 CAPLUS 1,5-Methano-1H-3-benzazepine, 7,8-dichloro-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

328056-66-2 CAPLUS 1,5-Methano-1H-3-benzazepine-7-carbonitrile, 8-fluoro-2,3,4,5-tetrahydro-(9C1) (CA INDEX NAME)

357424-19-2 CAPLUS 6,10-Methano-6H-pyrazino(2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-2,3-dimethyl- (9CI) (CA INDEX NAME)

357424-20-5 CAPLUS 5,9-Methano-5H-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro- (9CI) (CA INDEX NAME)

L22 ANSWER 17 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN ACCESSION NUMBER: 2001:762800 CAPLUS 2001:762800 CAPLUS 135:322726 DOCUMENT NUMBER: TITLE:

135:322726
A pharmaceutical composition containing a nicotine receptor agonist and an analgesic for treatment of acute, chronic pain and/or neuropathic pain and acute, chronic pain and/or neuropathic pain and migraines
Coe, Jotham Wadsworth: Harrigan, Edmund Patrick;
O'Neill, Brian Thomas; Sanda, Steven Bradley; Watsky, Bric Jacob
Ffizer Products Inc., USA
PCT Int. Appl., 41 pp.
CODEN: PIXXO2
Patent
English
1

INVENTOR(S):

PATENT ASSIGNEE (S): SOURCE:

DOCUMENT TYPE:

PATENT NO. KIND DATE APPLICATION NO. DATE

WO 2001076576 A3 20020620

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CT, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JF, KE, KG, KF, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MM, MW, MX, AZ, NO, NZ, FL, FT, RO, CD, CK, CU, CY, CK, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, US, US, UZ, VM, YU, ZA, ZM, AK, AZ, BY, KG, KZ, MD, RU, TJ, TM, RE: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, AE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, MI, FT, SZ, TR, BF, BJ, CF, CG, CT, CM, GA, GN, GW, ML, MR, ME, SN, TD, TG

US 2001036943 A1 2001101 US 2000-740307 20001218

ER 1272218 A2 20030108

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, TI, LI, UN, NL, SE, MC, FT, IE, SI, LT, LV, FT, RO, MK, CY, AL, TR

BR 2001009937 A 20030121 BR 2001-99097 2010316

BR 200109937 A 20030121 BR 2001-9937 20010316

BG 107138 A 20030530 BG 2002-107138 20020923

US 2003133951 A1 20030717 US 2003-195738F P 20000407

US 2000-195738F P 30000407

US 2000-195738F P 30000506

Oral, parenteral or transdermal compns. are disclosed for the treatment of acute, chronic and/or neuropathic pain and migratine in a mammal including a human is also disclosed.

Oral particular particular particular particular particular particular KIND DATE APPLICATION NO. DATE

PRIORITY APPLN. INFO.:

Page 40

(Continued) L22 ANSWER 16 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

L22 ANSWER 17 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)
328055-86-3 328055-87-4 328055-88-5
328055-94-3 328055-95-9 328055-95-5
328055-94-3 328055-95-8 328055-96-5
328055-97-6 228055-99-8 328056-66-2
357424-19-2 367511-30-6
367511-38-4
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(compns. contg. nicotine receptor agonist and analgesic for treatment of acute, chronic pain and/or neuropathic pain and migraines)
RN 69718-72-5 CAPLUS
CN 1,5-Methano-IH-J-benzazepine, 2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

249296-44-4 CAPLUS 6,10-Methano-641-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro- (9CI) (CA INDEX NAME)

287973-26-6 CAPLUS 1,5-Methano-1H-3-benzazepine, 7,8-difluoro-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

287973-27-7 CAPLUS 1,5-Methano-IH-3-benzazepine-7-carbonitrile, 0-ethynyl-2,3,4,5-tetrahydro-(9C1) (CA INDEX NAME)

c = cH

328055-77-2 CAPLUS 5,9-Methanopyrrolo[3,4-h][3]benzazepin-1(2H)-one, 3,5,6,7,8,9-hexahydro-2-methyl- (9CI) (CA INDEX NAME)

L22 ANSWER 17 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

RN 328055-78-3 CAPLUS CN 5,9-Methanopyrrolo[3,4-h][3]benzazepin-1(2H)-one, 3,5,6,7,8,9-hexahydro-(9CI) (CA INDEX NAME)

RN 328055-79-4 CAPLUS CN 5,9-Methanoimidazo[4,5-h][3]benzazepin-2(1H)-one, 3,5,6,7,8,9-hexahydro-[9CI] (CA INDEX NAME)

RN 328055-80-7 CAPLUS CN 1,5-Methano-IH-3-benzazepine, 7-fluoro-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

RN 328055-81-8 CAPLUS
CN 1,5-Hethano-1H-3-benzazepine, 7-ethynyl-8-fluoro-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

RN 328055-83-0 CAPLUS

L22 ANSWER 17 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

RN 328055-88-5 CAPLUS CN 5,9-Methanomidazo(4,5-h)[3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-(9CI) (CA INDEX NAME)

RN 328055-89-6 CAPLUS CN 5,9-Methanoimidazo(4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1,2-dimethyl- (9CI) (CA INDEX NAME)

RN 328055-90-9 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-1-phenyl- (9CI) (CA INDEX NAME)

RN 328055-92-1 CAPLUS CN 6,10-Methano-6H-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-8-methyl- (9CI) (CA INDEX NAME)

RN 328055-94-3 CAPLUS CN 1,5-Methano-1H-3-benzazepine, 7-chloro-2,3,4,5-tetrahydro- (9CI) (CA Page 41

L22 ANSWER 17 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)
CN 5,9-Methano-2H-isothiazolo[4,5-h][3]benzazepine, 3,5,6,7,8,9-hexahydro-2-methyl-, 1,1-dioxide (9CI) (CA INDEX NAME)

RN 328055-84-1 CAPLUS CN 1,5-Methano-IH-3-benzazepine, 2,3,4,5-tetrahydro-7-methyl- (9CI) (CA INDEX NAME)

RN 328055-85-2 CAPLUS
CN 1,5-Methano-IH-3-benzazepine, 2,3,4,5-tetrahydro-7-(trifluoromethyl)(9C1) (CA INDEX NAME)

RN 328055-86-3 CAPLUS CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-nitro- (9CI) (CA INDEX NAME)

RN 328055-87-4 CAPLUS CN 5,9-Methanolmidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1-methyl-(SCI) (CA 1NDEX NAME)

L22 ANSWER 17 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued) INDEX NAME)

RN 328055-95-4 CAPLUS CN 1,5-Methano-1H-3-benzazepine-7-carbonitrile, 2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

RN 328055-96-5 CAPLUS CN Ethanone, 1-{2,3,4,5-tetrahydro-1,5-methano-1H-3-benzazepin-7-y1}- (9CI) (CA INDEX NAME)

RN 328055-97-6 CAPLUS CN 1,5-Methano-1H-3-benzazepin-7-o1, 2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

RN 328055-99-8 CAPLUS CN 1,5-Methano-1H-3-benzazepine, 7,8-dichloro-2,3,4,5-tetrahydro- {9CI} (CA INDEX NAME)

RN 328056-66-2 CAPLUS CN 1,5-Methano-1H-3-benzazepine-7-carbonitrile, 8-fluoro-2,3,4,5-tetrahydro-(901) (CA INDEX NAME)

L22 ANSWER 17 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

357424-19-2 CAPLUS porace-ip-2 CAFMD 6,10-Methano-6H-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-2,3-dimethyl- (9CI) (CA INDEX NAME)

367511-30-6 CAPLUS 5,9-Methanopyrcolo[2,3-h][3]benzazepin-3(5H)-one, 6,7,8,9-tetrahydro-2-methyl- (9C1) (CA INDEX NAME)

367511-38-4 CAPLUS 5,9-Methanopycrolo[3,4-h][3]benzazepin-1(5H)-one, 6,7,8,9-tetrahydro-3-methyl- (9CI) (CA INDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2001:636053 CAPLUS
DOCUMENT NUMBER: 135:210949
TITLE: Preparation of aryl-fused azapolycyclic compounds as nicotine binding inhibitors
Brooks, Paige Roanne Palmer; Coe, Jotham Wadsworth
Pfizer Products Inc., USA
SOURCE: PTXBD
DOCUMENT TYPE: Patent

DOCUMENT TYPE: LANGUAGE: LANGUAGE: ratent
English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE WO 2001062736 A1 20010830 WO 2001-18153 20010208

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CM, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, II, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, AM, ND, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, FT, RO, BU, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, SE, FI, FR, GB, GR, IE, TT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CT, CM, GA, GM, GW, ML, MR, NE, SN, TD, TG

US 6605610 B1 20030812 US 2000-5104002 20000225

BR 2001008610 A 20021119 BR 2001-8610 20010208

EP 1259489 A1 20021127 PE 2001-953630 20010208

EP 1259489 A1 20021127 PE 2001-953630 20010208

EE 200200475 A 20031215 EE 2002-475 20010208

EE 200200475 A 20031215 EE 2002-16509 20020705

BG 106908 A 20030121 US 2000-514002 A 2002025

PRIORITY APPLN. INFO::

US 9997-70245P P1 19911231

US 1999-402210 A 2199911131

US 1999-402210 A 21999911231

US 1999-181813 A2 19991113

US 1999-40210 A 2199990928

OTHER SOURCE(S): MARPAT 135:210949 20010208 WO 2001062736 A1 20010830 WO 2001-IB153

The invention discloses the preparation of aryl-fused azapolycyclic compds., such as I [Rl = H, alkyl, unconjugated alkenyl, benzyl, X(CO)Rl3, CHCCH2O-alkyl; R2, R3 = H, alkenyl, alkynyl, hydroxy, nitro, amino, halo, cyano, Soqalkyl, (q = 0 - 2), alkylamino, COZRA, CONN5M6, SOZNATRB, CORl3, X(CO)Rl3, R2 and R3, together with the carbons to which they are attached

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L22 ANSWER 17 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued) form a 4-7 membered monocyclic ring or a 10-14 membered bicyclic ring: R4-R8, R13 = R, alkyl or R5 and R6, or R7 and R8 together with nitrogen to which they are attached, form a pyrrolidine, piperidine, morpholine, azetidine, piperazine, thiomorpholine: X = alkylene), and their pharmaceutically acceptable salts, as nicotine binding inhibitors (IC50 < 10 µH) in the treatment of neurol. and psychol. disorders. Thus, aryl-fused azapolycyclic compd. I (R1-R3 = H) was prepd. via a multistep synthetic sequence starting from 2-fluorobromobenzene via a cycloaddn. vith cyclopentadiene and an amination with triethylbenzylammonium chloride.

230615-08-4P 328055-86-3P 328055-99-BP 357424-19-2P 337424-20-5F

357424-19-2F 357424-20-5F
RL: BAC (Biological activity or effector, except adverse); BSU (Biological activity or effector, except adverse); BSU (Biological atudy); DRCT (Reactant); SFM (Synthetic preparation); THU (Therapeutic use); BIOL (Biological atudy); PREP-(Preparation); RACT (Reactant or reagent); USES (Uses) (preparation of aryl-fused azapolycyclic compds. as nicotine binding inhibitors)
230615-08-4 CAPLUS
1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7,8-dinitro- (9CI) (CA INDEX NAME)

328055-86-3 CAPLUS 1,5-Hethano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-nitro- (9CI) (CA INDEX NAME)

, NO2

328055-99-8 CAPLUS 1,5-Methano-1H-3-benzazepine, 7,8-dichloro-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

357424-19-2 CAPLUS 6.10-Methano-6H-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-2,3-dimethyl- (9CI) (CA INDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued

RN 357424-20-5 CAPLUS
CN 5,9-Methano-5H-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro- (9CI)
(CA INDEX NAME)

0 9718-72-5P 230614-99-0P 230615-00-6P 230615-01-7P 230615-02-8P 230615-03-9P 230615-04-09 230615-06-9P 230615-06-9P 230615-06-9P 230615-06-9P 230615-06-9P 230615-06-9P 230615-06-9P 230615-07-9P 230615-07-9P 230615-07-9P 230615-13-09P 230615-11-9P 230615-12-0P 230615-12-0P 230615-13-9P 230615-13-9P 230615-13-9P 230615-12-0P 230615-13-9P 230615-12-0P 230615-13-9P 230615-23-4P 230615-23-4P 230615-23-4P 230615-23-9P 230615-23-9P 230615-23-9P 230615-23-4P 230615-23-9P 230615-33-9P 230615-33-9P 230615-33-9P 230615-33-9P 230615-33-9P 230615-33-9P 230615-34-6P 230615-34-5P 2306

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

RN 230614-99-0 CAPLUS
CN 1,5-Methano-IH-3-benzazepine, 7-fluoro-2,3,4,5-tetrahydro-, hydrochloride
(9CI) (CA INDEX NAME)

• HCl

RN 230615-00-6 CAPLUS CN 1.5-Methano-IH-3-benzazepine, 2,3,4,5-tetrahydro-7-methyl-, hydrochloride (9C1) (CA INDEX NAME)

• HCl

RN 230615-01-7 CAPLUS
CN 1,5-Methano-IH-3-benzazepine, 2,3,4,5-tetrahydro-7-(trifluoromethyl)-, hydrochloride (9CT) (CA INDEX NAME)

• HCl

RN 230615-02-8 CAPLUS
N 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-6-(trifluoromethyl)-, hydrochloride (9cl) (CA INDEX NAME)

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122 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued) 357424-41-0P 357424-43-2P 357424-45-4P 357424-45-9P 357424-45-0P 357424-51-2P 357424-33-4P 357424-51-3P 357424-51-2P 357424-33-4P 357424-51-4P 357424-62-8P 357424-63-6P 357424-61-4P 357424-62-8P 357424-69-P 357424-67-0P 357424-68-PP 357424-69-P 357424-67-0P 357424-78-PP 357424-78-PP 357424-78-PP 357424-78-PP 357424-78-PP 357424-81-PP 357424-81-PP 357424-81-PP 357424-81-PP 357424-81-PP 357424-81-PP 357424-81-PP 357424-81-PP 357424-91-PP 357425-91-PP 357425-

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continue

● HC

RN 230615-03-9 CAPLUS
CN 1,5-Methano-IH-3-benzazepine, 6-fluoro-2,3,4,5-tetrahydro-, hydrochloride
(SCI) (CA INDEX NAME)

• HCl

RN 230615-04-0 CAPLUS CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-nitro-, monohydrochloride (9CI) (CA INDEX NAME)

HC1

RN 230615-05-1 CAPLUS CN 1,5-Methano-1H-3-benzazepin-7-amine, 2,3,4,5-tetrahydro-, monohydrochloride (9CI) (CA INDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

HN NH;

HC]

RN 230615-06-2 CAPLUS
CN Acetamide, N-(2,3,4,5-tetrahydro-1,5-methano-1H-3-benzazepin-7-y1)-,
monohydrochloride (9C1) (CA INDEX NAME)

HN NHA

• HCl

RN 230615-07-3 CAPLUS
CN 5,9-Methano-5H-thiazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-2-methyl, monohydrochloride (9CI) (CA INDEX NAME)

Me NH

● HCl

RN 230615-09-5 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-1-propyl-, monohydrochloride (9CI) (CA INDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

• HCl

RN 230615-13-1 CAPLUS CN 5,9-Methanoinidazo[4,5-h][3]benzazepine, 1,5,6,7,9,9-hexahydro-1,2-dimethyl-, monohydrochloride [9CI] (CA INDEX NAME)

Me N NH

• HCl

RN 230615-14-2 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1-propyl-,
monohydrochloride (9C1) (CA INDEX NAME)

n-Pr

• HCl

RN 230615-15-3 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1-butyl-1,5,6,7,8,9-hexahydro-, monohydrochloride (9CI) (CA INDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

Me N NH

● HCl

RN 230615-10-8 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-,
monohydrochloride (9CI) (CA INDEX NAME)

H NE

• HCl

RN 230615-11-9 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1-methyl-,
monohydrochloride [9C1] (CA INDEX NAME)

Me NH

HCl

RN 230615-12-0 CAPLUS
CN 5,9-Methanolmidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-,
monohydrochloride (9C1) (CA INDEX NAME)

122 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Co

(Continued)

n-Bu N

• HC1

RM 230615-16-4 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1-(2-methylpropyl)-, monohydrochloride (9CI) (CA INDEX NAME)

i-Bu N

• HCl

RN 230615-17-5 CAPLUS CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1-phenyl-, monohydrochloride (9CI) (CA INDEX NAME)

Ph N NF

• HC1

RN 230615-18-6 CAPLUS (N. 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-1-phenyl-, monohydrochloride [9CI) (CA INDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

Me N NH

• HC1

RN 230615-19-7 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-1-(2-methyl-propyl)-, monchydrochloride (9C1) (CA INDEX NAME)

i-Bu Me N

• HCl

RN 230615-20-0 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1-{2,2-dimethylpropyl}1,5,6,7,8,9-hexahydro-2-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Me3C-CH2
Me N NH

● HCl

RN 230615-21-1 CAPLUS CN 6,10-Methano-6H-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-2,3dimethyl-, monohydrochloride (9C1) (CA INDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

$$\mathsf{Me} = \mathsf{N} \bigvee \mathsf{N} \mathsf{N}$$

• HC1

RN 230615-25-5 CAPLUS
CN 5,9-Methano-5H-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-,
monohydrochloride (9CI) (CA INDEX NAME)

NI NI

● HC1

RN 230615-26-6 CAPLUS
CN 5,9-Hethano-5H-owazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-2-methyl-,
monohydrochloride (9CI) (CA INDEX NAME)

Me N NH

• HCl

RN 230615-27-7 CAPLUS
CN Benzamide, 2-fluoro-N-(2,3,4,5-tetrahydro-8-hydroxy-1,5-methano-1H-3-benzazepin-7-y1)-, monohydrochloride (9CI) (CA INDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

HN N M

HC1

RN 230615-22-2 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1-(2,2-dimethylpropyl)1,5,6,7,8,9-hexahydro-, monohydrochloride (9CI) (CA INDEX NAME)

Me3C-CH2

• HCl

RN 230615-23-3 CAPLUS
CN 6,10-Methano-6H-pyrazino[2,3-h][3]benzazepine, 6,7,8,9-tetrahydro-monohydrochloride (9CI) (CA INDEX NAME)

HN

HC1

RN 230615-24-4 CAPLUS
CN 6,10-Methano-6H-pyrazino(2,3-h)[3]benzazepine, 7,8,9,10-tetrahydro-8-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

• HCl

RN 230615-28-8 CAFLUS CN 1,5-Methano-1H-3-benzazepine, 7-chloro-2,3,4,5-tetrahydro-, hydrochloride (9C1) (CA INDEX NAME)

HN C

• HCl

RN 230615-29-9 CAPLUS CN 1,5-Methano-1H-3-benzazepine-7-carbonitrile, 2,3,4,5-tetrahydro-, monohydrochloride (9CI) (CA INDEX NAME)

HN

• HCl

RN 230615-30-2 CAPLUS
CN 1,5-Methano-IH-3-benzazepine, 2,3,4,5-tetrahydro-7-(5-methyl-1,2,4-oxadiazol-3-yl)-, monohydrochloride (9CI) (CA INDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

 $\underset{\mathsf{HN}}{\overset{\mathsf{N}}{\longrightarrow}} \underset{\mathsf{N}-\mathsf{O}}{\overset{\mathsf{N}}{\longrightarrow}} \overset{\mathsf{Me}}{\longrightarrow}$

● HC1

RN 230615-31-3 CAPLUS CN Ethanone, 1-(2,3,4,5-tetrahydro-1,5-methano-1H-3-benzazepin-7-y1)-, hydrochloride (9C1) (CA INDEX NAME)

HN

• HC1

RN 230615-32-4 CAPLUS CN 1,5-Methano-IH-3-benzazepin-7-ol, 2,3,4,5-tetrahydro-, hydrochloride (9CI) (CA INDEX NAME)

HN

• HCl

RN 230615-33-5 CAPLUS
CN 5,9-Hethano-5H-isovazzolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-3-methyl, monohydrochloride (9CI) (CA INDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

• HCl

RN 230615-37-9 CAPLUS
CN 1,5-Hethano-1H-3-benzazepine-7-sulfonamide, 2,3,4,5-tetrahydro-N,N-dimethyl-, monohydrochloride (9CI) (CA INDEX NAME)

0 || |5- NMe2

• HCl

RN 230615-38-0 CAPLUS
CN Pyrrolidine, 1-[(2,3,4,5-tetrahydro-1,5-methano-1H-3-benzazepin-7yl)sulfonyll-, monchydrochloride (9CI) (CA INDEX NAME)

HN S N

#C1

RN 230615-39-1 CAPLUS
CN 5,9-Methanopyrrolo[2,3-h)[3]benzazepin-2(1H)-one, 3,5,6,7,8,9-hexahydro-,
monohydrochloride (9CI) (CA INDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

Ma

• HCl

RN 230615-34-6 CAPLUS
CN 1,5-Methano-lH-3-benzazepine, 2,3,4,5-tetrahydro-7-(1-methyl-1H-pyrazol-5-y1)-, monohydrochloride (9CI) (CA INDEX NAME)

HN Me

• HCl

RN 230615-35-7 CAPLUS
CN 1,5-Hethano-IH-3-benzazepine, 2,3,4,5-tetrahydro-7-(1-methyi-1H-pyrazol-3-y1)-, monohydrochloride (9C1) (CA INDEX NAME)

HN N Me

HC1

RN 230615-36-8 CAPLUS
CN 1,5-Methano-IH-3-benzazepine, 7,8-dichloro-2,3,4,5-tetrahydro-,
hydrochloride (9CI) (CA INDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Contin

O NH

● HCl

RN 230615-40-4 CAPLUS CN 5,9-Methano-ZH-oxazolo[4,5-h][3]benzazepin-2-one, 3,5,6,7,8,9-hexahydro-, monohydrochloride [9CI] (CA INDEX NAME)

O NH

● HC1

RN 230615-41-5 CAPLUS
CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-6-phenyl-, hydrochloride (9CI) (CA INDEX NAME)

Ph

• HC1

RN 230615-42-6 CAPLUS
CN 1,S-Methano-1H-3-benzazepin-6-ol, 2,3,4,5-tetrahydro-, hydrochloride (9CI)
(CA INDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

OH

• HCl

RN 230615-43-7 CAPLUS CN 1,5-Methano-1H-3-benzazepine, 7,8-difluoro-2,3,4,5-tetrahydro-, hydrochloride (9cI) (CA INDEX NAME)

HN

HC1

RN 230615-44-8 CAPLUS
CN 5,9-Methano-SH-oxazolo[4,5-h][3]benzazepine, 2-ethyl-6,7,8,9-tetrahydro-,
monohydrochloride (9CI) (CA INDEX NAME)

Et NHH

● HC1

RN 230615-45-9 CAPLUS
CN 5,9-Hethano-5H-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-2-(1-methylethyl)-, monhydrochloride (9CI) (CA INDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

Me NH

RN 287973-25-5 CAPLUS CN 5,9-Methanomidazo[4,5-h][3]benzazepin-2(1H)-one, 3,5,6,7,8,9-hexahydro-1,3-dimethyl- (9CI) (CA 1NDEX NAME)

NH NH

RN 287973-26-6 CAPLUS CN 1,5-Methano-1H-3-benzazepine, 7,8-difluoro-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

HN F

RN 287973-27-7 CAPLUS
CN 1,5-Methano-1H-3-benzazepine-7-carbonitrile, 8-ethynyl-2,3,4,5-tetrahydro(9CI) (CA INDEX NAME)

HN CIN CIN

RN 287973-28-8 CAPLUS
CN 1,5-Hethano-1H-3-benzazepine, 7-chloro-2,3,4,5-tetrahydro-8-(trifluoromethy1)- (9CI) (CA INDEX NAME)

HIN CF3

RN 287973-29-9 CAPLUS
CN 1,5-Methano-1H-3-benzazepine-7-carbonitrile, 2,3,4,5-tetrahydro-8-(trifluoromethyl)- (9CI) (CA INDEX NAME)

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1.22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued

i-Pr NH

• HCl

RN 230615-46-0 CAPLUS
CN 5,9-Methano-SH-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-2-(phenylmethyl)-, omonhydrochloride (9CI) (CA INDEX NAME)

Ph-CH₂

● HCl

RN 230615-75-5 CAPLUS CN 5,9-Hethano-SH-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-2-methyl-(9C1) (CA INDEX NAME)

Me NH

RN 249296-44-4 CAPLUS CN 6,10-Methano-GH-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro- (9CI) (CA INDEX NAME)

HN

RN 287973-24-4 CAPLUS CN 5,9-Methanopyrrolo[3,4-h][3]benzazepine-1,3(2H,5H)-dione, 6,7,8,9-tetzahydro-2-methyl- (9CI) (CA INDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

IN CF3

RN 287973-32-4 CAPLUS
CN 5,9-Methanopytrolo[3,4-h][3]benzazepine-1,3(2H,5H)-dione,
5,6,7,8-tetrahydro- (9CI) (CA INDEX NAME)

HIN

RN 328055-77-2 CAPLUS
CN 5,9-Methanopyrrolo(3,4-h)[3]benzazepin-1(2H)-one, 3,5,6,7,8,9-hexahydro-2-methyl- (9C1) (CA INDEX NAME)

Me NH

RN 328055-78-3 CAPLUS CN 5,9-Methanopyrcolo[3,4-h][3]benzazepin-1(2H)-one, 3,5,6,7,8,9-hexahydro-(9CI) (CA INDEX NAME)

HN

RN 328055-79-4 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepin-2(1H)-one, 3,5,6,7,8,9-hexahydro(9CI) (CA INDEX NAME)

O HN NI

AN 328055-80-7 CAPLUS

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)
CN 1,5-Methano-1H-3-benzazepine, 7-fluoro-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

RN 328055-81-8 CAPLUS CN 1,5-Methano-IH-3-benzazepine, 7-ethynyl-8-fluoro-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

RN 328055-84-1 CAPLUS CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-methyl- (9CI) (CA INDEX NAME)

RN 328055-85-2 CAPLUS
CN 1,5-Methano-IH-3-benzazepine, 2,3,4,5-tetrahydro-7-(trifluoromethyl)-(9C1) (CA INDEX NAME)

RN 328055-87-4 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1-methyl(9CI) (CA INDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continu

RN 328055-94-3 CAPLUS CN 1.5-Hethano-IH-3-benzazepine, 7-chloro-2,3,4,5-tetrahydro- (9CI) (CA INOEX NAME)

RN 328055-95-4 CAPLUS
CN 1.5-Methano-IH-3-benzazepine-7-carbonitrile, 2.3,4,5-tetrahydro- (9CI)
(CA INDEX NAME)

RN 328055-96-5 CAPLUS
CN Ethanone, 1-(2,3,4,5-tetrahydro-1,5-methano-1H-3-benzazepin-7-y1)- (9CI)
(CA INDEX NAME)

RN 328055-97-6 CAPLUS CN 1,5-Methano-1H-3-benzazepin-7-ol, 2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

RN 328055-98-7 CAPLUS CN 5,9-Methano-5H-130xazclo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-3-methyl-(9CI) (CA INDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

RN 328055-88-5 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl(9CI) (CA INDEX NAME)

RN 328055-89-6 CAPLUS CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1,2-dimethyl- (9C1) (CA INDEX NAME)

RN 328055-90-9 CAPLUS
CN 5,9-Methanolmidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-1-phenyl- (9CI) (CA INDEX NAME)

RN 328055-92-1 CAPLUS CN 6,10-Methano-6H-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-8-methyl- (9CI) (CA INDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

RN 328056-66-2 CAPLUS
CN 1,5-Methano-IH-3-benzazepine-7-carbonitrile, 8-fluoro-2,3,4,5-tetrahydro(9C1) (CA INDEX NAME)

RN 357424-02-3 CAPLUS
CN 5,9-Methanopyrrolo[2,3-h][3]benzazepin-2(1H)-one, 3,5,6,7,8,9-hexahydro(9CI) (CA INDEX NAME)

RN 357424-03-4 CAPLUS S,9-Methano-ZH-oxazolo[4,5-h][3]benzazepin-2-one, 3,5,6,7,8,9-hexahydro-(9CI) (CA INDEX NAME)

RN 357424-04-5 CAPLUS
CN Benzamide, 2-fluoro-N-(2,3,4,5-tetrahydro-8-hydroxy-1,5-methano-1H-3-benzazepin-7-y1)- (9C1) (CA INDEX NAME)

RN 357424-05-6 CAPLUS
CN 5,9-Methano-SH-thieno[2,3-h][3]benzazepine, 6,7,8,9-tetrahydto-2-methyl-,
1,1-dioxide (9C1) (CA INDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

O=S NF

RN 357424-06-7 CAPLUS CN 5,9-Methano-5H-thieno(2,3-h][3]benzazepin-3-amine, 6,7,8,9-tetrahydro-N,N-dimethyl-, l,1-dioxide (9CI) (CA INDEX NAME)

O=5NMe2

RN 357424-07-8 CAPLUS CN 6,10-Methano-lH-pyrazino[2,3-h][3]benzazepine-2,3-dione, 4,6,7,8,9,10-hexahydro- (9CI) (CA INDEX NAME)

HN H O

RN 357424-08-9 CAPLUS
CN 6,10-Methano-1H-pyrazino[2,3-h][3]benzazepine-2,3-dione,
4,6,7,8,9,10-hexahydro-1,4-dimethyl- (9CI) (CA INDEX NAME)

HN N O

RN 357424-09-0 CAPLUS CN 5,9-Methan-ZH-oxazolo[4,5-h][3]benzazepin-2-one, 3,5,6,7,8,9-hexahydro-3-methyl-(9C1) (CA INDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued

n-Pr N

RN 357424-14-7 CAPLUS CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1-butyl-1,5,6,7,8,9-hexahydro-(9CI) (CA INDEX-NAME)

n-Bu

RN 357424-15-8 CAPLUS CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-1-[2-methylpropyl]-[9CI] (CA INDEX NAME)

i-Bu Me N NH

RN 357424-16-9 CAPLUS CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1-phenyl-[9C1] (CA INDEX NAME)

Ph NH

RN 357424-17-0 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1-(2,2-dimethylpropyl)1,5,6,7,8,9-hexahydro- (9CI) (CA INDEX NAME)

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O NI

RN 357424-10-3 CAPLUS CN 5,9-Methano-5H-thieno[2,3-h][3]benzazepine, 6,7,8,9-tetrahydro-2-methyl-(9CI) (CA INDEX NAME)

Me S NH

RN 357424-11-4 CAPLUS CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-1-propyl- [9CI) (CA INDEX NAME)

n-Pr Me N N

RN 357424-12-5 CAPLUS CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro- (9CI) (CA INDEX NAME)

NH NH

RN 357424-13-6 CAPLUS CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1-propyl-(9CT) (CA INDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

Me₃C-CH₂

RN 357424-18-1 CAPLUS 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1-{2,2-dimethylpropyl}-1,5,6,7,8,9-hexhydro-2-methyl-(9CI) (CA INDEX NAME)

Me₃C-CH₂
Me
N
NH

RN 357424-21-6 CAPLUS CN 6,10-Methano-ZH-pyrazino[2,3-h][3]benzazepin-2-one, 1,6,7,8,9,10-hexahydro-(9C1) (CA INDEX NAME)

IN HOO

RN 357424-22-7 CAPLUS CN 1,5-Hethano-1H-3-benzazepin-7-amine, 2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

HIN NH2

RN 357424-23-8 CAPLUS
CN Acetamide, N-{2,3,4,5-tetrahydro-1,5-methano-1H-3-benzazepin-7-y1}- (9CI)
(CA INDEX NAME)

HN NHA

RN 35/424-24-9 CAPLUS
CN 1,5-Methano-IH-3-benzazepine, 2,3,4,5-tetrahydro-7-(5-methyl-1,2,4-oxadiazol-3-yl)- (GCI) (CA INDEX NAME)

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357424-25-0 CAPLUS 1,5-Methano-IH-3-benzazepine-7-sulfonamide, 2,3,4,5-tetrahydro-N,N-dimethyl- (9CI) (CA INDEX NAME)

357424-26-1 CAPLUS
Pycrolidine, 1-((2,3,4,5-tetrahydro-1,5-methano-1H-3-benzazepin-7yl)sulfonyl)- (SCI) (CA INDEX NAME)

357424-27-2 CAPLUS 1,5-Methano-IH-3-benzazepine-7-carbonitrile, 8-chloro-2,3,4,5-tetrahydro-(9C1) (CA INDEX NAME)

357424-28-3 CAPLUS 1,5-Methano-IH-3-benzazepine, 7-chloro-0-ethynyl-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

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357424-36-3 CAPLUS 6,10-Methano-6H-pyrido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro- (9CI) (CA INDEX NAME)

6,10-Methano-6H-pyrido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-2-methyl-[9C1] (CA INDEX NAME)

357424-39-6 CAPLUS 6,10-Methano-6H-pyrido(2,3-h)[3]benzazepine, 7,8,9,10-tetrahydro-3-methyl-(9CI) (CA INDEX NAME)

357424-41-0 CAPLUS 6,10-Methano-6H-pyrido[2,3-h][3]benzazepine, 3-ethyl-7,8,9,10-tetrahydro-(9C1) '(CA INDEX NAME)

357424-43-2 CAPLUS 6,10-Methano-6H-pyrido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-4-methyl-(9CI) (CA INDEX NAME)

(Continued)

357424-29-4 CAPLUS 1,5-Methano-IH-3-benzazepine, 7-fluoro-2,3,4,5-tetrahydro-8-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

357424-30-7 CAPLUS 1,5-Methano-1H-3-benzazepine, 7-ethynyl-2,3,4,5-tetrahydro-8-(trifluoromethyl)- (9CI) (CA INDEX NAME)

CF3

357424-31-8 CAPLUS 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7,8-bis(tcifluoromethyl)-(9C1) (CA INDEX NAME)

357424-32-9 CAPLUS 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-6-(trifluoromethyl)-(SCI) (CA INDEX NAME)

357424-34-1 CAPLUS 1,5-Hethano-IH-3-benzazepine, 6-fluoro-2,3,4,5-tetrahydro- (9CI) (CA TNDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

עריייט - באריייט - בארייט (,10-Hethano-2H-pyrido[2,3-h][3]benzazepin-2-one, 1,6,7,8,9,10-hexahydro-(9C1) (CA INDEX NAME)

357424-47-6 CAPLUS 6,10-Methano-6H-pyrido[2,3-h][3]benzazepine, 2-chloro-7,8,9,10-tetrahydro-(9CI) (CA INDEX NAME)

357424-49-8 CAPLUS 6,10-Methano-En-pyrido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-2-methoxy-(9CI) (CA INDEX NAME)

357424-\$1-2 CAPLUS 61.10-Methano-6H-pyrido[2,3-h][3]benzazepine, 2-chloro-5-fluoro-7,8,9,10-tetrahydro-(9CI) (CA INDEX NAME)

Cl

357424-53-4 CAPLUS 6,10-Methano-6H-pyrido[2,3-h][3]benzazepine, 2-chloro-11-fluoro-7,8,9,10-

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued) tetrahydro- (9CI) (CA INDEX NAME)

RN 357424-55-6 CAPLUS CN 5,9-Methanopyrcolol(2,3-h)[3]benzazepin-Z(1H)-one, 3,5,6,7,8,9-hexahydro-,(4)-(9C1) (CA INDEX NAME)

Rotation (+).

RN 357424-57-8 CAPLUS
CN 5,9-Methano-2H-oxazolo(4,5-h)[3]benzazepin-2-one, 3,5,6,7,8,9-hexahydro-,(+)-(9CI) (CA INDEX NAME)

Rotation (+).

RN 357424-59-0 CAPLUS
CN Benzamide, 2-fluoro-N-(2,3,4,5-tetrahydro-8-hydroxy-1,5-methano-1H-3-benzazepin-7-xl)-, (+)- (9C1) (CA INDEX NAME)

Rotation (+)

RN 357424-61-4 CAPLUS

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

RN 357424-65-8 CAPLUS
CN 5,9-Methano-ZH-oxazolo[4,5-h][3]benzazepin-2-one, 3,5,6,7,8,9-hexahydro-3-methyl-, (+) = (9C1) (CA INDEX NAME)

Rotation (+).

RN 357424-66-9 CAPLUS CN Ethanone, 1-(2,3,4,5-tetrahydro-1,5-methano-1H-3-benzazepin-7-y1)-, (+)-(9C1) (CA INDEX NAME)

Rotation (+).

RN 357424-67-0 CAPLUS CN 5,9-Methano-5H-thieno[2,3-h][3]benzazepine, 6,7,8,9-tetrahydro-2-methyl-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

RN 357424-68-1 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-1-propyl-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

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L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)
CN 5,9-Methanopyrrolo[3,4-h][3]benzazepin-1(2H)-one, 3,5,6,7,8,9-hexahydro-2-methyl-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

RN 357424-62-5 CAPLUS CN 5,9-Methanopyrcolo(3,4-h)[3]benzazepin-1(2H)-one, 3,5,6,7,8,9-hexahydro-,(+)-(9CI) (CA INDEX NAME)

Rotation (+).

RN 357424-63-6 CAPLUS CN 5,9-Methano-5H-thieno[2,3-h][3]benzazepine, 6,7,8,9-tetrahydro-2-methyl-1,1-dioxide, (+) - (9CI) (CA INDEX NAME)

Rotation (+).

RN 357424-64-7 CAPLUS
CN 5,9-Methano-SH-thieno[2,3-h][3]benzazepin-3-amine, 6,7,8,9-tetrahydro-N,N-dimethyl-, 1,1-dioxide, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

RN 357424-69-2 CAPLUS CN 5,9-Methanolmidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-l-methyl-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

RN 357424-70-5 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1,2-dimethyl-, (+) - (9CI) (CA INDEX NAME)

Rotation (+).

RN 357424-71-6 CAPLUS
CN 5,9-Methanomidazo[4,5-h][3]benzazepine. 1,5,6,7,8,9-hexahydro-1-propyl-,
(+)- (9C1) (CA INDEX NAME)

Rotation (+).

RN 357424-72-7 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1-butyl-1,5,6,7,8,9-hexahydro-,(+)- (9CI) (CA INDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued) Rotation (+).

n-Bu N

NN 35/424-73-8 CAPLUS CN 5,9-Methanoimidazo(4,5-h)[3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-1-(2-methylpropyl)-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

i-Bu Me N

RN 357424-74-9 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1-phenyl-,
(+)- (9C1) (CA INDEX NAME)

Rotation (+).

Ph N

RN 357424-75-0 CAPLUS CN 5,9-Methanoimidazo(4,5-h)(3)benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-1-phenyl-7, (+) = (9C1) (CA INDEX NAME)

Rotation (+).

Me N NH

RN 357424-76-1 CAPLUS

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued

Me NH

RN 357424-80-7 CAPLUS
CN 5,9-Hethano-5H-isoxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-3-methyl, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

Me NH

RN 357424-81-8 CAPLUS CN 6,10-Methano-2H-pyrazino[2,3-h][3]benzazepin-2-one, 1,6,7,8,9,10-hexahydro, (+) (9CI) (CA INDEX NAME)

Rotation (+).

HN H

RN 357424-82-9 CAPLUS
CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-methyl-, (+)- (9CI) (CA INDEX NAME)

Rotation (+)

HN

RN 357424-83-0 CAPLUS
CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-nitro-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued CN 5,9-Methanoimidazo{4,5-h}[3]benzazepine, 1-(2,2-dimethylpropyl)-1,5,6,7,8,9-hexahydro-, (+)- (9CI) (CA INDEX NAME)

Rotation (+)

Me 3C NE

AN 357424-77-2 CAPLUS (N 5,9-MethanoLmidazo[4,5-h][3]benzazepine, 1-(2,2-dimethylpropyl)-1,5,6,7-8,9-hexahydro-2-methyl-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

Me N

RN 357424-78-3 CAPLUS CN 5,9-Methano-5H-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-, (+)-(9CI) (CA INDEX NAME)

Rotation (+).

NH

RN 357424-79-4 CAPLUS
CN 5,9-Methano-5H-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-2-methyl-,
(+)- (9CI) (CA INDEX NAME)

Rotation (+).

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

HN

RN 357424-84-1 CAPLUS
CN 1,5-Methano-1H-3-benzazepin-7-amine, 2,3,4,5-tetrahydro-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

HN NH2

RN 357424-85-2 CAPLUS
CN Acetamide, N-(2,3,4,5-tetrahydro-1,5-methano-1H-3-benzazepin-7-y1)-, (+)(9CI) (CA INDEX NAME)

Rotation (+).

HN NHAC

RN 357424-86-3 CAPLUS
CN 1,5-Hethano-IH-3-benzazepine, 7-chloro-2,3,4,5-tetrahydro-, (+)- (9CI)
(CA INDEX NAME)

Rotation (+).

EIN C1

RN 357424-87-4 CAPLUS
CN 1,5-Methano-IH-3-benzazepine, 2,3,4,5-tetrahydro-7-(5-methyl-1,2,4-oxadiazol-3-yl)-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued

HN N Me

RN 357424-88-5 CAPLUS CN 1,5-Methano-IH-3-benzazepin-7-ol, 2,3,4,5-tetrahydro-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

HN

RN 357424-89-6 CAPLUS
CN 1,5-Methano-IH-3-benzazepine-7-sulfonamide, 2,3,4,5-tetrahydro-N,N-dimethyl-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

HN NMe2

RN .357424-90-9 CAPLUS
CN Pytrolidine, 1-[(2,3,4,5-tetrahydro-1,5-methano-1H-3-benzazepin-7-y1)sulfonyl]-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

RN 357424-91-0 CAPLUS CN 1,5-Methano-1H-3-benzazepine-7-carbonitrile, 8-fluoro-2,3,4,5-tetrahydro-,

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

HN C1

RN 357424-96-5 CAPLUS
CN 1,5-Methano-1H-3-benzazepine, 7-fluoro-2,3,4,5-tetrahydro-8-(trifluoromethyl)-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

RN 357424-97-6 CAPLUS
CN 1,5-Hethano-1H-3-benzazepine, 7-chloro-2,3,4,5-tetrahydro-8-(trifluoromethyl)-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

RN 357424-98-7 CAPIUS
CN 1,5-Methano-1H-3-benzazepine-7-carbonitrile, 2,3,4,5-tetrahydro-8-(trifluoromethyl)-, (+)- (9CI) (CA INDEX NAME)

Rotation (+)

RN 357424-99-8 CAPLUS
CN 1,5-Methano-1H-3-benzazepine, 7-ethynyl-2,3,4,5-tetrahydro-8(trifluoromethyl)-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

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L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued) (+)- (9CI) (CA INDEX NAME)

Rotation (+).

RN 357424-92-1 CAPLUS
CN 1,5-Methano-1H-3-benzazepine, 7-ethynyl-8-fluoro-2,3,4,5-tetrahydro-, (+)(9CI) (CA INDEX NAME)

Rotation (+).

RN 357424-93-2 CAPLUS
CN 1,5-Methano-IH-3-benzazepine-7-carbonitrile, 8-ethynyl-2,3,4,5-tetrahydro, (+) - (9C1) (CA INDEX NAME)

Rotation (+).

RN 357424-94-3 CAPLUS CN 1,5-Methano-IH-3-benzazepine-7-carbonitrile, 8-chloro-2,3,4,5-tetrahydro-, (+)- (9C1) (CA INDEX NAME)

Rotation (+).

RN 357424-95-4 CAPLUS
CN 1,5-Methano-IH-3-benzazepine, 7-chloro-8-ethynyl-2,3,4,5-tetrahydro-, (+)(9C1) (CA INDEX NAME)

Rotation (+).

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued

RN 357425-00-4 CAPLUS
CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-6-(trifluoromethyl)-, (+)- (9C1) (CA INDEX NAME)

Rotation (+).

RN 357425-02-6 CAPLUS
CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-(trifluoromethyl)-,
(+)- (9CI) (CA INDEX NAME)

Rotation (+).

RN 357425-03-7 CAPLUS CN 1,5-Methano-1H-3-benzazepine, 6-fluoro-2,3,4,5-tetrahydro-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

RN 357425-04-8 CAPLUS CN 1,5-Methano-1H-3-benzazepine-7-carbonitrile, 2,3,4,5-tetrahydro-, (+)-(9CI) (CA INDEX NAME)

Rotation (+).

RN 357425-05-9 CAPLUS CN 1,5-Methano-1H-3-benzazepine, 7-fluoro-2,3,4,5-tettahydro-, (*)- (9CI)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (CA INDEX NAME) (Continued)

Rotation (+).

357425-07-1 CAPLUS 6,10-Methano-6H-pyrido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-, (+)-(9CI) (CA INDEX NAME)

Rotation (+).

6,10-Methano-6H-pyrido(2,3-h)[3]benzazepine, 7,8,9,10-tetrahydro-2-methyl-, (+) - (9CI) (CA INDEX NAME)

Rotation (+).

357425-10-6 CAPLUS 6,10-Methano-GH-pyrido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-3-methyl-, (+)- (9C1) (CA INDEX NAME)

Rotation (+).

357425-12-8 CAPLUS

35/425-12-8 CAPLUS (6,10-Methano-6H-pyrido[2,3-h][3]benzazepine, 3-ethyl-7,8,9,10-tetrahydro-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

357425-20-8 CAPLUS 6,10-Methano-6H-pyrido[2,3-h][3]benzazepine, 2-chloro-5-fluoro-7,8,9,10-tetrahydro-, (+)- (9C1) (CA INDEX NAME)

Rotation (+).

357425-22-0 CAPLUS 6,10-Methano-6H-pyrido[2,3-h][3]benzazepine, 2-chloro-11-fluoro-7,8,9,10-tetrahydro-, (+)- (9C1) (CA INDEX NAME)

Rotation (+).

357425-24-2. CAPLUS 5,9-Methanopyrrolo[2,3-h][3]benzazepin-2(1H)-one, 3,5,6,7,8,9-hexahydro-, (-)- (9CI) (CA INDEX NAME)

357425-26-4 CAPLUS 5,9-Methano-ZH-oxazolo[4,5-h][3]benzazepin-2-one, 3,5,6,7,8,9-hexahydro-, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

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L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

357425-13-9 CAPLUS 6,10-Methano-6H-pyrido[2,3-h][3]benzazepine, 7,8,9,10-tetcahydro-4-methyl-, (+)- {9CI} (CA INDEX NAME)

357425-15-1 CAPLUS 6,10-Methano-2H-pycido[2,3-h][3]benzazepin-2-one, 1,6,7,8,9,10-hexahydro-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

357425-17-3 CAPLUS 6,10-Methano-6H-pycido[2,3-h][3]benzazepine, 2-chloro-7,8,9,10-tetrahydro-, (+)- (9C1) (CA INDEX NAME)

Rotation (+).

357425-18-4 CAPLUS 6,10-Methano-GH-Dyrido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-2-methoxy-, (+)- (9C1) (CA INDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

357425-27-5 CAPLUS
Benzamide, 2-fluoro-N-(2,3,4,5-tetrahydro-8-hydroxy-1,5-methano-1H-3-benzazepin-T-y1)-, (-)- (9C1) (CA INDEX NAME)

Rotation (-).

357425-28-6 CAPLUS 5,9-Methanopyrcnio[3,4-h][3]benzazepin-1(2H)-one, 3,5,6,7,8,9-hexahydro-2-methyl-, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

357425-29-7 CAPIUS

351825-29-1 CAPLUS
5,9-Methanopyrrolo[3,4-h][3]benzazepin-1(2H)-one, 3,5,6,7,8,9-hexahydro-,
(-)- (9Cl) (CA INDEX NAME)

357425-30-0 CAPLUS 5,9-Methano-5H-thieno[2,3-h][3]benzazepine, 6,7,8,9-tetrahydro-2-methyl-,1,I-dioxide, (-)- (9Cl) (CA INDEX NAMS)

Rotation (-).

Rotation (-).

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued

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RN 357425-31-1 CAPLUS
CN 5,9-Methano-SH-thieno(2,3-h)[3]benzazepin-3-amine, 6,7,8,9-tetrahydro-N,N-dimethyl-, 1,1-dioxide, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

RN 357425-32-2 CAPLUS
CN 5,9-Methano-2H-oxazolo[4,5-h][3]benzazepin-2-one, 3,5,6,7,8,9-hexahydro-3-methyl-, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

RN 357425-33-3 CAPIUS CN Ethanone, 1-(2,3,4,5-tetrahydro-1,5-methano-1H-3-benzazepin-7-y1)-, (-)-(9CI) (CA INDEX NAME)

Rotation (-).

RN 357425-34-4 CAPLUS CN 5,9-Methano-5H-thieno[2,3-h][3]benzazepine, 6,7,8,9-tetrahydro-2-methyl-, (-)- (9C1) (CA INDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)
RN 357425-38-8 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1-propyl-,
(-)- (9C1) (CA INDEX NAME)

(-)- (9CI) (CA INI Rotation (-).

RN 357425-39-9 CAPLUS CN 5,9-Methanoimidazo(4,5-h][3]benzazepine, 1-butyl-1,5,6,7,8,9-hexahydro-, (-)- (961) (CA INDEX NAME)

Rotation (-).

RN 357425-40-2 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-1(2-methylpropyl)-, (-)- (9CI) (CA INDEX NAME)

Rotation (-)

RN 357425-41-3 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1-phenyl-,
(-) (9(1) (CA INDEX NAME)

Rotation (~).

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L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continue

Rotation (~).

RN 357425-35-5 CAPLUS CN 5,9-Methanoimidazo(4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydco-2-methyl-1-propyl-, (-)- (9C1) (CA INDEX NAME)

Rotation (-).

RN 357425-36-6 CAPLUS
CN 5,9-Methanoimidazo(4,5-h)[3]benzazepine, 1,5,6,7,8,9-hexahydro-1-methyl-,
(-)- (9C1) (CA INDEX NAME)

Rotation (-).

RN 357425-37-7 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1,2-dimethyl-, (-)- (9C1) (CA INDEX NAME)

Rotation (-).

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

RN 357425-42-4 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-1-phenyl-, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

RN 357425-43-5 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1-(2,2-dimethylpropyl)1,5,6,7,8,9-hexahydro-, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

RN 357425-44-6 CAPLUS CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1-(2,2-dimethylpropyl)-1,5,6,7,8,9-heshydco-2-methyl-, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

RN 357425-45-7 CAPLUS CN 5,9-Hethano-SH-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-, (-)-(9C1) (CA INDEX NAME)

Rotation (-).

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

S57425-46-8 CAPLUS
CN 5,9-Methano-SH-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-2-methyl-,
(-)- (9CI) (CA INDEX NAME)

Rotation (-).

357425-47-9 CAPLUS 5,9-Methano-SH-isoxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-3-methyl-, (-)- (9CI) (CA INDEX NAME)

357425-48-0 CAPLUS 6,10-Methano-2H-pyrazino{2,3-h}[3]benzazepin-2-one, 1,6,7,8,9,10-hexahydro-, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

357425-49-1 CAPLUS 1,5-Methano-III-3-benzazepine, 2,3,4,5-tetrahydro-7-methyl-, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued) Rotation (-).

357425-55-9 CAPLUS 1,5-Methano-1H-3-benzazepin-7-o1, 2,3,4,5-tetrahydro-, (-)- (9CI) (CA IMBEX NAME)

Rotation (-).

357425-56-0 CAPLUS 1,5-Methano-1H-3-benzazepine-7-sulfonamide, 2,3,4,5-tetrahydro-N,N-dimethyl-, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

357425-57-1 CAPLUS Pyrrolidine, 1-((2,3,4,5-tetrahydro-1,5-methano-1H-3-benzazepin-7-yl)sulfonyl|-, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

357425-58-2 CAPLUS 1,5-Methano-IH-3-benzazepine-7-carbonitrile, 8-fluoro-2,3,4,5-tetrahydro-, (-)- (9CI (CA INDEX NAME)

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L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued) RN 357425-50-4 CAPLUS CN 1,5-Methano-IH-3-benzazepine, 2,3,4,5-tetrahydro-7-nitro-, (-)- (9CI) (CA

INDEX NAME)

Rotation (-).

357425-51-5 CAPLUS 1,5-Methano-1H-3-benzazepin-7-amine, 2,3,4,5-tetrahydro-, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

357425-\$2-6 CAPLUS Acetamide, N-{2,3,4,5-tetrahydro-1,5-methano-1H-3-benzazepin-7-yl)-, (-)-(GC1) (CA INDEX NAME)

357425-53-7 CAPLUS 1,5-Methano-IH-3-benzazepine, 7-chloro-2,3,4,5-tetrahydro-, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

357425-54-8 CAPLUS 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-(5-methyl-1,2,4-oxadizol-3-yl)-,(-)-(9CI) (CA INDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN Rotation (-). (Continued)

357425-59-3 CAPLUS 1,5-Methano-IH-3-benzazepine, 7-ethynyl-8-fluoro-2,3,4,5-tetrahydro-, (-)-(SCI) (CA INDEX NAME)

Rotation (-).

357425-60-6 CAPLUS J3.MC3-TOU-O CARINS 1,5-Methano-1H-3-benzazepine-7-carbonitrile, 8-ethynyl-2,3,4,5-tetrahydro-, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

357425-61-7 CAPLUS
1,5-Methano-1H-3-benzazepine-7-carbonitrile, 8-chloro-2,3,4,5-tetrahydro-,
{-}- {9CI} (CA INDEX NAME)

Rotation (-).

357425-62-8 CAPLUS 1,5-Methano-1H-3-benzazepine, 7-chloro-8-ethynyl-2,3,4,5-tetrahydro-, (-)-(GCT) (CA INDEX NAME)

L22 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

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RN 357425-63-9 CAPLUS
CN 1,5-Methano-1H-3-benzazepine, 7-fluoro-2,3,4,5-tetrahydro-8(trifluoromethyl)-, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

RN 357425-64-0 CAPLUS
CN 1,5-Methano-IH-3-benzazepine, 7-chloro-2,3,4,5-tetrahydro-8-(trifluoromethyl)-, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

RN 357425-65-1 CAPLUS
CN 1,5-Methano-1H-3-benzazepine-7-carbonitrile, 2,3,4,5-tetrahydro-8-(trifluoromethyl)-, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

RN 357425-66-2 CAPLUS
CN 1,5-Methano-1H-3-benzazepine, 7-ethynyl-2,3,4,5-tetrahydro-8-(trif(luoromethyl)-, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN $\,$ (Continued) Rotation (~).

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RN 357425-71-9 CAPUUS CN 1,5-Methano-IH-3-benzazepine, 7-fluoro-2,3,4,5-tetrahydro-, (-)- (9CI) (CA INDEX MAME)

Rotation (-).

RN 35/425-72-0 CAPLUS CN 6,10-Methano-GH-pyrido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-, (-)-[9C1] (CA INDEX NAME)

Rotation (-).

RN 357425-73-1 CAPLUS
CN 6,10-Methano-6H-pyrido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-2-methyl, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

RN 357425-74-2 CAPLUS CN 6,10-Methano-6H-pyrido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-3-methyl-,(-)-(9C1) (CA INDEX NAME)

Rotation (~).

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

RN 357425-67-3 CAPLUS
CN 1,5-Methano-IH-3-benzazepine, 2,3,4,5-tetrahydro-6-(trifluoromethyl)-,
(-)- (GCI) (CA INDEX NAME)

Rotation (-).

RN 357425-68-4 CAPLUS
CN 1.5-Methano-IH-3-benzazepine, 2,3,4,5-tetrahydro-7-(trifluoromethyl)-,
(-)- (9C1) (CA INDEX NAME)

Rotation (-).

RN 357425-69-5 CAPLUS
CN 1,5-Methano-lH-3-benzazepine, 6-fluoro-2,3,4,5-tetrahydro-, (-)- (9CI)
(CA INDEX NAME)

Rotation (-).

RN 357425-70-8 CAPLUS
CN 1,5-Methano-lH-3-benzazepine-7-carbonitrile, 2,3,4,5-tetrahydro-, (-)-(9C1) (CA INDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued

RN 357425-75-3 CAPLUS
CM 6,10-Methano-GH-pyrido[2,3-h][3]benzazepine, 3-ethyl-7,8,9,10-tetrahydro-,
(-)- (9C1) (CA INDEX NAME)

Rotation (-).

RN 357425-76-4 CAPLUS CN 6,10-Methano-6H-pyrido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-4-methyl-, (-)- [9CT] (CA INDEX NAME)

Rotation (-).

RN 357425-77-5 CAPLUS
CN 6,10-Methano-2H-pyrido[2,3-h][3]benzazepin-2-one, 1,6,7,8,9,10-hexahydro-,
(-)- (9CI) (CA INDEX NAME)

Rotation (-).

RN 357425-78-6 CAPLUS
CN 6,10-Methano-6H-pyrido(2,3-h][3]benzazepine, 2-chloro-7,8,9,10-tetrahydro, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

357425-79-7 CAPLUS 6,10-Methano-6H-pyrido{2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-2-methoxy-, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

357425-80-0 CAPLUS 6,10-Methano-6H-pyrido[2,3-h][3]benzazepine, 2-chloro-5-fluoro-7,8,9,10-tetrahydro-, (-)- (9C1) (CA INDEX NAME)

Rotation (-).

357425-81-1 CAPLUS 6,10-Hethano-6H-Pyrido[2,3-h][3]benzazepine, 2-chloro-11-fluoro-7,8,9,10-tetrahydro-, (-)- (9C1) (CA INDEX NAME)

357425-82-2 CAPLUS 6,10-Methano-6H-pyrido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-,dihydrochloride [9CI) (CA INDEX NAME)

122 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

●2 HC1

357425-87-7 CAPLUS 6,10-Methano-GH-pyrido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-4-methyl-dihydrochloride (9CI) (CA INDEX NAME)

●2 HC1

357425-88-8P 357425-89-9P 357425-90-2P
357425-91-3P 357425-92-4P 357425-93-5P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use);
BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of aryl-fused azapolycyclic compds. as nicotine binding inhibitors)
357425-88-8 CAPUS
6,10-Methano-ZH-pyridol2.3-hl[3]benzazenin-2-nee 1 6 7 8 0 10-barabuta-

35/425-89-8 CAPLUS 6,10-Methano-2H-pyrido[2,3-h][3]benzazepin-2-one, 1,6,7,8,9,10-hexahydro-, dihydrochloride (9CI) (CA INDEX NAME)

●2 HC1

357425-89-9 CAPLUS 6,10-Methano-6H-pyrido[2,3-h][3]benzazepine, 2-chloro-7,8,9,10-tetrahydro-monohydrochloride [9CI) (CA INDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

•2 HCl

357425-83-3 CAPLUS 6,10-Methano-GH-pyrido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-2-methyl-, dihydrochloride [9CI) (CA INDEX NAME)

●2 HC1

357425-84-4 CAPLUS 6,10-Methano-6H-pyrido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-3-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

• HCl

357425-86-6 CAPLUS 6,10-Methano-GH-pycido(2,3-h)[3]benzazepine, 3-ethyl-7,8,9,10-tetrahydro-,dihydrochloride (9C1) (CA INDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

● HCl

357425-90-2 CAPLUS 6,10-Methano-GH-pyrido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-2-methoxy-monohydrochloride (9CI) (CA INDEX NAME)

• HCl

357425-91-3 CAPLUS 6,10-Methano-6H-Dyrido[2,3-h][3]benzazepine, 2-chloro-5-fluoro-7,8,9,10-tetrahydro-, monohydrochloride [9CI] (CA INDEX NAME)

● HC1

357425-92-4 CAPLUS 6,10-Methano-2H-myrazino[2,3-h][3]benzazepin-2-one, 1,6,7,8,9,10-hexahydro-monohydrochloride (9CI) (CA INDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

357425-93-5 CAPLUS 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-, 4-methylbenzenesulfonate (9CI) (CA INDEX NAME)

CRN 69718-72-5 CMF C11 H13 N

CM 2

CRN 104-15-4 CMF C7 H8 O3 S

230615-52-8 357426-15-4 357426-16-5
RL: RCT (Reactant): RACT (Reactant or reagent)
(preparation of aryl-fused azapolycyclic compds. as nicotine binding inhibitors)
230615-52-8 CAPLUS
1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-, hydrochloride (9CI)
(CA INDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)
357426-10-9P 357426-13-2P 357426-17-6P
357426-21-2P 357426-23-3P 357426-20-1P
357426-21-2P 357426-22-3P 357426-20-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of aryl-fused azapolycyclic compds. as nicotine binding inhibitors)
RN 230615-48-2 CAPLUS
CN 1,5-Methano-IH-3-benzazepine, 2,3,4,5-tetrahydro-3-(phenylmethyl)- (9CI) (CA INDEX NAME)

230615-50-6 CAPLUS
1,5-Methano-IH-3-benzazepine, 7-fluoro-2,3,4,5-tetrahydro-3-(phenylmethyl)-(9CI) (CA INDEX NAME)

230615-51-7 CAPLUS
1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-3-(trifluoroacetyl)-(9c1) (CA INDEX NAME)

230615-53-9 CAPLUS
1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-nitro-3-(trifluoroacety1)- (9CI) (CA INDEX NAME)

230615-56-2 CAPLUS
1,5-Methano-1H-3-benzazepin-7-amine, 2,3,4,5-tetrahydro-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

(Continued)

● HCl

357426-15-4 CAPLUS
Ethanethioamide, 2,2,2-trifluoro-N-[2,3,4,5-tetrahydro-3-(2,2,2-trifluoro-1-thioxoethyl)-1,5-methano-1H-3-benzazepin-7-yl]- (9CI) (CA INDEX NAME)

357426-16-5 CAPLUS 5,9-Methano-SH-thiazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-2-methyl-(9CI) (CA INDEX NAME)

230615-48-2F 230615-50-6F 230615-51-7F 230615-53-9F 220615-56-2F 220615-57-3F 230615-59-5F 220615-57-3F 230615-59-5F 230615-60-6F 220615-67-3F 230615-60-F 230615-64-2F 230615-65-3F 230615-66-4F 230615-69-7F 230615-76-6F 230615-76-9F 230615-76-9F 230615-79-5F 230615

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

230615-57-3 CAPLUS Acetamide, N-(2,3,4,5-tetrahydro-3-(trifluoroacetyl)-1,5-methano-1H-3-benzazepin-7-yll- (9CI) (CA INDEX NAME)

230615-59-5 CAPLUS
1,5-Methano-IH-3-benzazepine, 2,3,4,5-tetrahydro-7,8-dinitro-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)

230615-60-8 CAPLUS
1,5-Methano-3H-3-benzazepine-3-carboxylic acid, 1,2,4,5-tetrahydro-7,8-dinitro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

230615-61-9 CAPLUS
1,5-Methano-3H-3-benzazepine-3-carboxylic acid, 7,8-diamino-1,2,4,5-tetrahydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

230615-62-0 CAPLUS 5,9-Methanoimidazo[4,5-h][3]benzazepine-7(1H)-carboxylic acid, 5,6,8,9-tetrahydro-2-methyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

230615-63-1 CAPLUS
5,9-Methanoimidazo[4,5-h][3]benzazepine-7[1H]-carboxylic acid,
5,6,8,9-tetrahydro-2-methyl-1-propyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

230615-64-2 CAPLUS 5,9-Methanoimidazo[4,5-h][3]benzazepine-7(1H)-carboxylic acid, 5,6,8,9-tetahydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

230615-65-3 CAPLUS
1,5-Methano-3H-3-benzazepine-3-carboxylic acid, 7-(butylamino)-1,2,4,5-tetrahydro-8-nitro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued) CN 1,5-Methano-1H-3-benzazepine-7,8-diamine, 2,3,4,5-tetrahydro-3-(trifluoroacetyl)- (9C1) (CA INDEX NAME)

230615-70-0 CAPLUS 6,10-Methano-6H-myrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-8-(trifluoroacetyl)- (9C1) (CA INDEX NAME)

230615-71-1 CAPLUS
1,5-Methano-1H-3-benzazepin-7-ol, 2,3,4,5-tetrahydro-8-nitro-3-(trifluoroacetyl)- {9CI} (CA INDEX NAME)

230615-72-2 CAPLUS
1,5-Methano-1H-3-benzazepin-7-o1, 8-amino-2,3,4,5-tetrahydro-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)

230615-73-3 CAPLUS
5,9-Methano-5H-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-7(trifluoroacety1)- (9CI) (CA INDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

230615-66-4 CAPLUS 1,5-Methano-31-3-benzazepine-3-carboxylic acid, 7-amino-8-(butylamino)-1,2,4,5-tetrahydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

230615-67-5 CAPLUS
5,9-Methanoimidazo[4,5-h][3]benzazepine-7(1H)-carboxylic acid,
1-butyl-5,6,8,9-tetrahydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME) RN CN

230615-68-6 CAPLUS
5,9-Methanoimidazo[4,5-h][3]benzazepine-7(1H)-carboxylic acid,
5,6,8,9-tetrahydro-2-methyl-1-(2-methylpropyl)-, 1,1-dimethylethyl ester
(9C1) (CA INDEX NAME)

$$\stackrel{\text{i-Bu}}{\underset{N}{\longleftarrow}} \stackrel{\text{N-C-OBu-t}}{\underset{0}{\longleftarrow}}$$

RN 230615-69-7 CAPLUS

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

230615-74-4 CAPLUS
5,9-Methano-Sir-lo-xazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-2-methyl-7-(trifluoracetyl)- (9CI) (CA INDEX NAME)

230615-77-7 CAPLUS
1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-iodo-3-(trifluoroacety1)- (9CI) (CA INDEX NAME)

230615-78-8 CAPLUS
1,5-Methano-3H-3-benzazepine-3-carboxylic acid, 1,2,4,5-tetrahydro-7-iodo,1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

230615-79-9 CAPLUS
1,5-Methano-3H-3-benzazepine-3-carboxylic acid, 7-cyano-1,2,4,5-tetrahydro,1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

RN 230615-80-2 CAPLUS
CN 1,5-Methano-1H-3-benzazepine, 7-acetyl-2,3,4,5-tetrahydro-3(trifluoroacetyl)- (9CI) (CA INDEX NAME)

RN 230615-81-3 CAPLUS
CN 1,5-Methano-3H-3-benzazepine-3-carboxylic acid, 7-acetyl-1,2,4,5-tetrahydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 230615-82-4 CAPLUS
CN 1,5-Methano-IH-3-benzszepin-7-o1, 2,3,4,5-tetrahydro-3-(trifluoroacety1)-,
acetate (ester) (GCI) (CA INDEX NAME)

RN 230615-83-5 CAPLUS
CN 1,5-Methano-IH-3-benzazepin-7-ol, 2,3,4,5-tetrahydro-3-(trifluoroacetyl)-(9C1) (CA INDEX NAME)

RN 230615-84-6 CAPLUS CN 1,5-Methano-lH-3-benzazepin-7-ol, 8-acetyl-2,3,4,5-tetrahydro-3-

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

$$F_{3C} = \underbrace{\begin{array}{c} 0 \\ S \\ S \end{array}}_{0}$$

RN 230615-92-6 CAPLUS CN 1,5-Methano-IH-3-benzazepine, 2,3,4,5-tetrahydro-6-iodo-3-(phenylmethyl)-(9C1) (CA INDEX MAME)

RN 230615-93-7 CAPLUS CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-6-phenyl-3-(phenylmethyl)-(9C1) (CA INDEX RAME)

RN 357425-94-6 CAPLUS
CN Ethanethioamide, N-[2,3,4,5-tetrahydro-3-(2,2,2-trifluoro-1-thioxoethyl)1,5-methano-1H-3-benzazepin-7-yl]- (9CI) (CA INDEX NAME)

RN 357425-95-7 CAPLUS
CN 5,9-Hethano-5H-oxazolo[4,5-h][3]benzazepine, 2-chloro-6,7,8,9-tetrahydro-7-(trifluoroacetyl)- (9C1) (CA INDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued) (trifluoroacety1) - (9CI) (CA INDEX NAME)

RN 230615-85-7 CAPLUS
CN 1,5-Methon-1H-3-benzazepin-7-01, 2,3,4,5-tetrahydro-8-[1-(hydroxynimino)+thyl]-3-(trifluocoacetyl)- (GA INDEX NAME)

RN 230615-86-8 CAPLUS
CN 5,9-Methano-5H-isoxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-3-methyl-7-(trifluoroacetyl)- (9CI) (CA INDEX NAME)

RN 230615-98-0 CAPLUS
CN 1,5-Methano-1H-3-benzazepine, 7,8-dichloro-2,3,4,5-tetrahydro-3-(trifluoroactyl)- (9CI) (CA INDEX NAME)

RN 230615-89-1 CAPLUS
CN 1,5-Methano-1H-3-benzazepine-7-sulfonyl chloride, 2,3,4,5-tetrahydro-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

RN 357425-96-8 CAPLUS
CN Boronic acid, [2,3,4,5-tetrahydro-3-(phenylmethyl)-1,5-methano-1H-3-benzazepin-7-yl]- (9CI) (CA INDEX NAME)

RN 357425-97-9 CAPLUS CN 1,5-Methano-1H-3-benzazepin-7-ol, 2,3,4,5-tetrahydro-3-(phenylmethyl)-(9C1) (CA INDEX NAME)

RN 357425-98-0 CAPLUS
CN 6,10-Methano-GH-pyrido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-8(trifluoroacetyl)- (9C1) (CA INDEX NAME)

RN 357425-99-1 CAPLUS CN 6,10-Methano-6H-pyrido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-2-methyl-8-(trifluoroacetyl)- (9CI) (CA INDEX NAME)

ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued) 357426-00-7 CAPLUS 6,10-Methano-6H-pyrido[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-3-methyl-8-(trifluoroacetyl)- (9CI) (CA INDEX NAME)

 $357426-01-8 \quad CAPLUS \\ 6,10-Methano-6H-pyrido[2,3-h][3] \ benzazepine, \ 3-ethyl-7,8,9,10-tetrahydro-8-(trifluoroacetyl)- (9CI) \quad (CA INDEX NAME)$

357426-02-9 CAPLUS 6,10-Methano-61; of the control of the control

357426-04-1 CAPLUS
Propanamide, 3.-dimethoxy-N-[2,3,4,5-tetrahydro-3-(trifluoroacetyl)-1,5-methano-1H-3-benzazepin-7-yl]- (9CI) (CA INDEX NAME)

RN 357426-05-2 CAPLUS

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)
2-chloro-5-fluoro-6,7,9,10-tetrahydro-, methyl ester (9CI) (CA INDEX

357426-10-9 CAPLUS 6,10-Methano-21-hpyrazino[2,3-h][3]benzazepin-2-one, 1,6,7,8,9,10-hexahydro-8-(trifluoroacety1)- (9C1) (CA IMDEX NAME)

357426-13-2 CAPLUS 1,5-Methano-2H-3-benzazepin-2-one, 1,3,4,5-tetrahydro- (9CI) (CA INDEX

357426-17-6 CAPLUS

ps/aco-1/-b CAPUIS 5,9-Methanomidazo[4,5-h][3]benzazepine-7(lH)-carboxylic acid, 1-(2,2-dimethylpropyl)-5,6,8,9-tetrahydro-, 1,1-dimethylethyl ester, monohydrochloride (9CI) (CA INDEX NAME)

• HCl

35/42-18-7 CAPLUS
5,9-Methanoimidazo[4,5-h][3]benzazepine-7(1H)-carboxylic acid,
1-(2,2-dimethylpropyl)-5,6,8,9-tetrahydro-2-methyl-, 1,1-dimethylethyl

Page 62

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)
CN 6,10-Methano-2H-pyrido[2,3-h][3]benzazepin-2-one, 1,6,7,8,9,10-hexahydro-8(trifluoroacetyl)- {9CI} (CA INDEX NAME)

357426-06-3 CAPLUS 6,10-Methano-6H-pycido[2,3-h][3]benzazepine, 2-chloro-7,8,9,10-tetrahydro-8-(trifluoroacetyl)- (9CI) (CA INDEX NAME)

$$F_3C-C = N$$

357426-07-4 CAPLUS
6,10-Methano-8H-pyrido[2,3-h][3]benzazepine-8-carboxylic acid,
2-chloro-6,7,9,10-tetrahydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

357426-08-5 CAPLUS 6,10-Methano-8H-pyrido[2,3-h][3]benzazepine-8-carboxylic acid, 6,7,9,10-tetrahydro-2-methoxy-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

357426-09-6 CAPLUS 6,10-Methano-8H-pyrido[2,3-h][3]benzazepine-8-carboxylic acid,

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN ester, monohydrochloride (9CI) (CA INDEX NAME)

Me3C-CH2

357426-19-8 CAPLUS 6,10-Methano-8H-pyrazino[2,3-h][3]benzazepine-8-carboxylic acid, 6,7,9,10-tetrahydro-2,3-dimethyl-, 1,1-dimethylethyl ester, monohydrochloride (9CI) (CA INDEX NAME)

357426-20-1 CAPLUS 1,5-Methano-IH-3-benzazepine-7-carboximidamide, 2,3,4,5-tetrahydro-N-hydroxy- (9CI) (CA INDEX NAME)

357426-21-2 CAPLUS 1,5-Methano-IH-3-benzazepine, 7-[3-(dimethylamino)-1-oxo-2-propenyl]-2,3,4,5-tetrahydro-3-(trifluoroacetyl)- (9C1) (CA INDEX NAMS)

L22 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

RN CN

357426-22-3 CAPLUS
1,5-Methano-IH-3-benzazepine-7-sulfonamide, Z,3,4,5-tetrahydro-N,N-dimethyl-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)

357426-23-4 CAPLUS
1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-(1-pyrrolidinylsulfonyl)-3-(trifluoroacetyl)-, monohydrochloride (9CI) (CA INDEX NAME)

L22 ANSWER 19 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

230615-75-5 CAPLUS 5,9-Methano-SH-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydco-2-methyl-(SCI) (CA INBEX NAME)

249296-44-4 CAPLUS 6,10-Methano-6H-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro- (9CI)

287973-26-6 CAPLUS 1,5-Methano-1H-3-benzazepine, 7,8-difluoro-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

3280\$5-77-2 CAPLUS

5,9-Methanopyrrolo(3,4-h)[3]benzazepin-1(2H)-one, 3,5,6,7,0,9-hexahydro-2-methyl- (9CI) (CA INDEX NAME)

328055-78-3 CAPLUS

5,9-Methanopyrrolo[3,4-h][3]benzazepin-1(2H)-one, 3,5,6,7,8,9-hexahydro-(9CI) (CA INDEX NAME)

Page 63

L22 ANSWER 19 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN ACCESSION NUMBER: 2001:152263 CAPLUS DOCUMENT NUMBER: 134:198095 TITLE: Composition for the treatment a

134.19805 DELEGATION OF THE TRANSPORT OF

INVENTOR(S):

PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE A2 20010228 A3 20030305 EP 1078637 EP 2000-307254 20000823 EP 1078637

R: AT, BE, CH, OE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LTT, LV, FI, RO
JP 2001072604 A2 20010321 JP 2000-254041 20000824
ZA 2000004406 A 20020225 ZA 2000-4406 20000825
US 2003109544 AI 20030612 US 2003-348399 20030121

PRIORITY APPLN. INFO .:

R: AT. BE. CH. DE. DN. ES. FR. GB. GR. IT. LI. LU. NL. SE. MC. PT.

I. SI. LT. LV. FI. NO

JP 2001072604 A2 20010321 JP 2000-254041 20000824

ZA 2000004406 A 2002025 JR. 2000-4406 20000825

US 2003-348399 20030121

ORITY APPLN. INFO: US 2003-54839 P 19990827

US 2000-697749 A1 20000526

Pharmaceutical compns. are disclosed for the treatment of nicotine dependence or addiction, tobacco dependence or addiction, reduction of nicotine withdrawal symptoms or aiding in the cessation or lessening of tobacco use or substance abuse. The pharmaceutical compns. are comprised of a therapeutically effective combination of a nicotine receptor pattial agonist and an anti-depressant or anxiolytic agent and a pharmaceutically acceptable carrier. The method of using these compds. is also disclosed. 69718-72-5 2200518-73-5 249296-44-4

287913-26-6 226055-77-2 326055-78-3
236055-92-9 226055-93-0 326055-84-1
236055-92-9 226055-93-0 326055-94-3
236055-92-1 326055-93-2 326055-93-6
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236055-93-1 326055-93-6 326055-93-6
236055-93-1 326055-93-6 326055

L22 ANSWER 19 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

328055-79-4 CAPTUS

5,9-Methanoimidazo[4,5-h][3]benzazepin-2(1H)-one, 3,5,6,7,8,9-hexahydro-(9CI) (CA INDEX NAME)

328055-80-7 CAPLUS 1,5-Methano-IH-3-benzazepine, 7-fluoto-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

328055-81-8 CAPLUS 1,5-Methano-III-3-benzazepine, 7-ethynyl-8-fluoro-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

328055-82-9 CAPLUS 1,5-Methano-1H-3-benzazepine, 7-ethynyl-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

328055-83-0 CAPLUS

5,9-Methano-2H-isothiazolo[4,5-h][3]benzazepine, 3,5,6,7,8,9-hexahydro-2-methyl-, 1,1-dioxide (9CI) (CA INDEX NAME)

ANSWER 19 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued) 328055-84-1 CAPLUS 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-methyl- (9CI) (CA INDEX NAME)

328055-85-2 CAPLUS 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-(trifluoromethyl)-(9CI) (CA INDEX NAME)

328055-86-3 CAPLUS 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-nitro- (9CI) (CA INDEX

5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1-methyl-(9CI) (CA INDEX NAME)

328055-88-5 CAPLUS 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-(9C1) (CA INDEX NAME)

L22 ANSWER 19 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

328055-94-3 CAPLUS 1,5-Methano-1H-3-benzazepine, 7-chloro-2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

328055-95-4 CAPLUS 1,5-Mathano-1H-3-benzazepine-7-carbonitrile, 2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME)

328055-96-5 CAPLUS Ethanone, 1-(2,3,4,5-tetrahydro-1,5-methano-1H-3-benzazepin-7-y1)- (9CI) (CA INDEX NAME)

328055-97-6 CAPLUS 1,5-Methano-1H-3-benzazepin-7-ol, 2,3,4,5-tetrahydro- (9CI) (CA INDEX

328055-98-7 CAPLUS 5,9-Methano-5H-i3oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-3-methyl-(GCI) (CA INDEX NAME)

L22 ANSWER 19 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

328055-89-6 CAPLUS 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydco-1,2-dimethyl- (9CI) (CA INDEX NAME)

328055-90-9 CAPLUS 5,9-Methanoimidazo[4,5-h]{3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-l-phenyl- (9CI) (CA INDEX NAME)

328055-92-1 CAPLUS 6,10-Methano-Gi-Hyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-8-methyl- (9CI) (CA INDEX NAME)

328055-93-2 CAPLUS 5,9-Hethano-ZH-oxazolo[4,5-h][3]benzazepine, 3,5,6,7,8,9-hexahydro- (9CI)(CA INDEX NAME)

L22 ANSWER 19 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

J.5-Methano-IH-3-benzazepine, 7,8-dichloro-2,3,4,5-tetrahydro- (9CI) (CA 328055-99-8 CAPLUS

328056-66-2 CAPLUS 1,5-Methano-IH-3-benzazepine-7-carbonitrile, 8-fluoro-2,3,4,5-tetrahydro-(9C1) (CA INDEX NAME)

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ACCESSION NUMBER:
DOCUMENT NUMBER:
133:168383
Pharmaceutical compositions containing micotine or a ligand of micotine receptors and a monamine oxidase inhibitor and their use for treating tobacco withdrawal symptoms

INVENTOR(S):
Caille, Dominique: George, Pascal; Jegham, Samir; Robineau, Pascale; Scatton, Bernard; Zivkovic, Branimir

PATENT ASSIGNEE(S):
SOURCE:
PCT Int. Appl., 37 pp.
COODEN: FIXEND2
DOCUMENT TYPE:
LANGUAGE:
FAMILY ACC. NUM. COUNT:
PATENT INFORMATION:
French

French
                                                                                                                                                                                       KIND DATE
                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NO. DATE
                                             PATENT NO.
| No. | No. | DATE | APPLICATION NO. | DATE | DATE | No. | DATE | DATE | No. | DATE
                                             OTHER SOURCE(S):
    cellulose 25, magnesium stearate 1, and lactose q.s. 100% in the second layer.

IT 287973-24-4 287973-25-5 287973-26-6 227973-27-7 287973-28-8 287973-29-9 287973-22-4
RL: BRC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); TRU (Therapeutic use); BIOL (Biological study); USES (Uses)

(pharmaceutical compns. containing nicotine or ligand of nicotine receptors
and monamine oxidase inhibitor and their use for treating tobacco
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L22 ANSWER 20 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

287973-29-9 CAPLUS 1,5-Methano-1H-3-benzazepine-7-carbonitrile, 2,3,4,5-tetrahydro-8-(trifluoromethyl)- (9CI) (CA INDEX NAME)

287973-32-4 CAPLUS 5,9-Methanopyrrolo[3,4-h][3]benzazepine-1,3(2H,5H)-dione, 5,6,7,8-tetrahydro- (9CI) (CA INDEX NAME)

REFERENCE COUNT:

THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L22 ANSWER 20 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued) withdrawal symptoms)
287973-24-4 CAPLUS
5,9-Methanopycrolo[3,4-h][3]benzazepine-1,3(2H,5H)-dione,
6,7,8,9-tetrahydro-2-methyl- (9CI) (CA INDEX NAME) 287973-25-5 CAPLUS 5,9-Methanoimidazo[4,5-h][3]benzazepin-2(1H)-one, 3,5,6,7,8,9-hexahydro-1,3-dimethyl- (9CI) (CA INDEX NAME) 287973-26-6 CAPLUS 1,5-Methano-IH-3-benzazepine, 7,8-difluoro-2,3,4,5-tetrahydro- (9CI) (CA INDEX NARE) 287973-27-7 CAPLUS 1,5-Methano-IH-3-benzazepine-7-carbonitrile, 8-ethynyl-2,3,4,5-tetrahydro-(9C1) (CA INDEX NAME) , Ç== СН

287973-28-8 CAPLUS 1,5-Methano-IH-3-benzazepine, 7-chloro-2,3,4,5-tetrahydro-8-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L22 ANSWER 21 OF 23 CAPLUS COPYRIGHT 2004 ACS ON STN ACCESSION NUMBER: 1999:451282 CAPLUS COPULS 131:102204

DOCUMENT NUMBER: TITLE:

```
131:102204
Preparation of 1,5-methano-3-benzazepines and analogs as micotinic receptor ligands
Coe, Jotham Wadsworth; Brooks, Paige Roanne Palmer
Pfizer Products Inc., USA
PCT Int. Appl., 83 pp.
CODEN: PIXXO2
Patent
English
3
  INVENTOR(S):
PATENT ASSIGNEE(S):
SOURCE:
  DOCUMENT TYPE:
LANGUAGE:
FAMILY ACC. NUM. COUNT:
PATENT INFORMATION:
PATENT NO.
                                                                                KIND DATE
                                                                                                                                                         APPLICATION NO. DATE
                                                                                                                                                       BB, GR, IT, LI, LU, NL, SE, TR 2000-20000184019981113  
NZ 1998-504482 19981113  
NZ 1998-504482 19981113  
NZ 1998-504482 19981113  
NZ 1998-1121748 19981228  
A 1998-11911 19981229  
US 1999-402010 19990928  
US 2000-514002 20000627  
NO 2000-3422 20000620  
US 2002-75843 20020213  
US 2002-75843 20020213  
US 2002-75348 20020214  
US 2002-131278 20020423  
US 2002-313278 20020423  
US 2002-313278 20020423  
US 2002-3136532 20030103  
US 2003-336532 20030103  
1997-70245P P 19971231  
1998-11813 W 19991113  
S 1999-402010 A2 19990928  
2000-514002 A1 2000025
                                                                                           1 20030710
US
WO
US
US
MARPAT 131:102204
   OTHER SOURCE(S):
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L22 ANSWER 21 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

AB Title compds. [I; Rl = H, alk(en)yl, alkoxyethyl, oxoalkyl, etc.; R2,R3 = H, halo, (di) (alkyl)amino, alkyl, etc.; R2R3 = atoms to complete a ring] were prepared Thus, 2-FCGH4Br was cyclocondensed with cyclopentaciene and the product osymylated to give 1,2,3,4-tetrahydro-1,4-methanonaphthalene-2,3-diol which was treated with NaIO4 and the product cyclocondensed with PhCHCMR2 to give, after deprotection, I (Rl-R3 = H). Data for biol. activity of I were given.

16 69718-72-59 206614-99-0P 2306615-00-6P 2306615-01-7P 2306615-02-0P 2306615-03-9P 2306615-04-0P 230615-03-9P 2306615-04-0P 230615-03-9P 2306615-04-0P 230615-03-9P 2306615-10-8P 230615-10-8P 2306615-10-8P 2306615-10-8P 2306615-10-8P 2306615-10-8P 2306615-10-8P 2306615-10-8P 2306615-10-8P 2306615-22-PZ 2306615-22-0P 2306615-22-0P 2306615-22-0P 2306615-22-0P 2306615-22-0P 2306615-22-0P 2306615-22-0P 2306615-22-0P 2306615-23-PZ 2306615-23-PZ 2306615-23-PZ 2306615-23-PZ 2306615-23-PZ 2306615-23-PZ 2306615-33-PZ 2

230614-99-0 CAPLUS 1,5-Methano-IH-3-benzazepine, 7-fluoro-2,3,4,5-tetrahydro-, hydrochloride (SCI) (CA INDEX NAME)

(Continued) L22 ANSWER 21 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

● HCl

230615-03-9 CAPLUS
1,5-Methano-IH-3-benzazepine, 6-fluoro-2,3,4,5-tetrahydro-, hydrochloride
(SCI) (CA INDEX NAME)

230615-04-0 CAPLUS 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-nitro-, monohydrochloride (9CI) (CA INDEX NAME)

230615-05-1 CAPLUS 1,5-Methano-1H-3-benzazepin-7-amine, 2,3,4,5-tetrahydro-, monohydrochloride (9CI) (CA INDEX NAME)

1.22 ANSWER 21 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

● HCl

230615-00-6 CAPLUS
1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-methyl-, hydrochloride
(9C1) (CA INDEX NAME)

• HCl

230615-01-7 CAPLUS
1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-(trifluoromethyl)-, hydrochloride (9C1) (CA INDEX NAME)

● HC1

230615-02-9 CAPLUS 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-6-(trifluoromethyl)-, hydrochloride (9CI) (CA INDEX NAME)

L22 ANSWER 21 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

(Continued)

HC1

230615-06-2 CAPLUS Acctamide, N-(2,3,4,5-tetrahydro-1,5-methano-1H-3-benzazepin-7-yl)-,monbydrochloride (9CI) (CA INDEX NAME)

230615-07-3 CAPLUS 5,9-Methano-5H-thiazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-2-methyl-monohydrochloride (9CI) (CA INDEX NAME)

230615-08-4 CAPLUS 1,5-Hethano-IH-3-benzazepine, 2,3,4,5-tetrahydro-7,8-dinitro- (9CI) (CA INDEX NAME)

230615-09-5 CAPLUS 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-1-propyl-, monohydrochloride (9CI) (CA INDEX NAME)

L22 ANSWER 21 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

Me NH

• HCl

RN 230615-10-8 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-, monohydrochloride (9CI) (CA INDEX NAME)

H NH

• HCl

RN 230615-11-9 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1-methyl-,
monohydrochloride (9CI) (CA INDEX NAME)

Me | | | NE

• HC1

RN 230615-12-0 CAPLUS CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

L22 ANSWER 21 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

n-Bu N

• HC1

RN 230615-16-4 CAPLUS
CN 5,9-Hethanomidazo(4,5-h)[3]benzazepine, 1,5,6,7,8,9-hexahydro-1-(2-methylpropyl)-, monohydrochloride (9CI) (CA INDEX NAME)

i-Bu N

• HCl

RN 230615-17-5 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-l-phenyl-,
monohydrochloride (9CI) (CA INDEX NAME)

NE NE

• HCl

RN 230615-18-6 CAPLUS CN 5,9-Hethanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-1-phenyl-, monohydrochloride (9C1) (CA INDEX NAME)

L22 ANSWER 21 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

Me H N NH

• HC1

RN 230615-13-1 CAPLUS CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1,2-dimethyl-, monohydrochloride (9C1) (CA INDEX NAME)

Me N NH

• HCl

RN 230615-14-2 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-1-propyl-,
monohydrochloride (9CI) (CA INDEX NAME)

n-Pr N

● HCl

RN 230615-15-3 CAPLUS CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1-butyl-1,5,6,7,8,9-hexahydro-monohydrochloride (9CI) (CA INDEX RAME)

L22 ANSWER 21 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued

Me N NH

● HC1

RN 230615-19-7 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1,5,6,7,8,9-hexahydro-2-methyl-1(2-methylpropyl)-, monohydrochloride (9CI) (CA INDEX NAME)

 $\begin{array}{c} \text{i}\text{-Bu}\\ \text{Me} \\ \text{N} \\ \end{array}$

● HC

RN 230615-20-0 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine, 1-(2,2-dimethylpropyl)1,5,6,7,8,9-hexhaydro-2-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Me 3C-CH2
Me N NH

● HC1

RN 230615-21-1 CAPLUS
CN 6,10-Methano-GH-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-2,3-dimethyl-, monohydrochloride (9CI) (CA INDEX NAME)

L22 ANSWER 21 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued

HN Me

● HCl

RN 230615-22-2 CAPLUS CN 5,9-Methanolmidazo[4,5-h][3]benzazepine, 1-(2,2-dimethylpropyl)-1,5,6,7,8,9-hexhydro-, monohydrochloride (9CI) (CA INDEX NAME)

Me3C-CH2

• HCl

RN 230615-23-3 CAPLUS
CN 6,10-Methano-6H-pyrazino[2,3-h][3]benzazepine, 6,7,8,9-tetrahydro-,
monohydrochloride (9CI) (CA INDEX NAME)

HN

• HC1

RN 230615-24-4 CAPLUS CN 6,10-Methano-6H-pytrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-8-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

L22 ANSWER 21 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

• HCl

RN 230615-28-8 CAPLUS
CN 1.5-Hethano-IH-3-benzazepine, 7-chloro-2,3,4,5-tetrahydro-, hydrochloride
(9C1) (CA INDEX NAME)

HN C

• HC1

RN 230615-29-9 CAPLUS
CN 1,5-Methano-1H-3-benzazepine-7-carbonitrile, 2,3,4,5-tetrahydro-,
monohydrochloride (9CI) (CA INDEX NAME)

HN

• HCl

RN 230615-30-2 CAPLUS CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-(5-methyl-1,2,4-oxadiacol-3-yl)-, monohydrochloride (9CI) (CA INDEX NAME) L22 ANSWER 21 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

Me N N

• HC1

RN 230615-25-5 CAPLUS
CN 5,9-Hethano-5H-cxazolo(4,5-h)[3]benzazepine, 6,7,8,9-tetrahydro-,
monohydrochloride (9CI) (CA INDEX NAME)

NI NI

• HCl

RN 230615-26-6 CAPLUS
CN 5,9-Methano-SH-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-2-methyl-,
monohydrochloride (9CI) (CA INDEX NAME)

Me NH

HC

RN 230615-27-7 CAPLUS
CN Benzanide, 2-fluoro-N-(2,3,4,5-tetrahydro-8-hydroxy-1,5-methano-1H-3-benzaepin-7-yl)-, monohydrochloride (9C1) (CA INDEX NAME)

L22 ANSWER 21 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

• HCl

RN 230615-31-3 CAPLUS CN Ethanone, 1-(2,3,4,5-tetrahydro-1,5-methano-1H-3-benzazepin-7-yl)-, hydrochloride (9CI) (CA INDEX NAME)

HN

• HCl

RN 230615-32-4 CAPLUS CN 1,5-Methano-IH-3-benzazepin-7-ol, 2,3,4,5-tetrahydro-, hydrochloride (9CI) (CA INDEX NAME)

HN

• HC1

RN 230615-33-5 CAPLUS
CN 5,9-Hethano-5H-isoxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-3-methyl, monohydrochloride (9CI) (CA INDEX NAME)

L22 ANSWER 21 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

Me NH

• HCl

RN 230615-34-6 CAPLUS
CN 1,5-Methano-IH-3-benzazepine, 2,3,4,5-tetrahydro-7-(1-methyl-1H-pyrazol-5-yl)-, monohydrochloride (9CI) (CA INDEX NAME)

• HCl

RN 230615-35-7 CAPLUS
CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-(1-methyl-1H-pyrazol-3-yl)-, monohydrochloride (9C1) (CA INDEX NAME)

• HCl

RN 230615-36-8 CAPLUS CN 1,5-Hethano-IH-3-benzazepine, 7,8-dichloro-2,3,4,5-tetrahydro-, hydrochloride (9CI) (CA INDEX NAME)

L22 ANSWER 21 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

• HCl

RN 230615-40-4 CAPLUS CN 5,9-Methano-ZH-cxazolo(4,5-h)(3)benzazepin-2-one, 3,5,6,7,8,9-hexahydro-, monohydrochlorid (9C1) (CA INDEX NAME)

• HCl

NN 230615-41-5 CARLUS
CN 1,5-Hethano-1H-3-benzazepine, 2,3,4,5-tetrahydro-6-phenyl-, hydrochloride
(9C1) (CA INDEX NAME)

Ph

• HC1

RN 230615-42-6 CAPLUS
CN 1,5-Methano-IH-3-benzazepin-6-ol, 2,3,4,5-tetrahydro-, hydrochloride (9CI)
(CA INDEX NAME)

L22 ANSWER 21 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continu

• HCl

RN 230615-37-9 CAPLUS CN 1,5-Methano-IH-3-benzazepine-7-sulfonamide, 2,3,4,5-tetrahydro-N,N-dimethyl-, monohydrochloride (9C1) (CA INDEX NAME)

• HCl

RN 230615-38-0 CAPLUS
CN Pyrrolidine, 1-[(2,3,4,5-tetrahydro-1,5-methano-1H-3-benzazepin-7yl)sulfonyll-, monchydrochloride (9CI) (CA INDEX NAME)

• HCl

RN 230615-39-1 CAPLUS
CN 5,9-Methanopyrcolo[2,3-h][3]benzazepin-2(1H)-one, 3,5,6,7,8,9-hexahydco-,
monohydrochloride (9CI) (CA INDEX NAME)

L22 ANSWER 21 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued

• HCl

RN 230615-43-7 CAPLUS CN 1,5-Methano-IH-3-benzazepine, 7,8-difluoro-2,3,4,5-tetrahydro-, hydrochloride (9CI) (CA INDEX NAME)

• HCl

RN 230615-44-8 CAPLUS
CN 5,9-Methano-5H-oxazolo[4,5-h][3]benzazepine, 2-ethyl-6,7,8,9-tetrahydromonohydrochloride (9CI) (CA INDEX NAME)

• HCl

RN 230615-45-9 CAPLUS
CN 5,9-Methano-5H-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-2-(1-methylethyl)-, monohydrochloride (9CI) (CA INDEX NAME)

L22 ANSWER 21 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

• HC1

230615-46-0 CAPLUS 5,9-Methano-5H-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-2-(phenylmethyl)-, monohydrochloride (9CI) (CA INDEX NAME)

● HCl

230615-52-8 CAPLUS 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-, hydrochloride (9CI) (CA INDEX NAME)

• HCl

230615-75-5 CAPLUS
5,9-Methano-5f-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-2-methyl(9CI) (CA INDEX NAME)

ANSWER 21 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued) 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-nitro-3-(trifluoroacety1)- (9CI) (CA INDEX NAME)

230615-54-0 CAPLUS

1,5-Hethano-3H-3-benzazepine-3-carboxylic acid, 1,2,4,5-tetrahydro-7-nitro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

230615-55-1 CAPLUS
1,5-Methano-3H-3-benzazepine-3-carboxylic acid, 7-amino-1,2,4,5-tetrahydro,1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

230615-56-2 CAPLUS 1,5-Methano-1H-3-benzazepin-7-amine, 2,3,4,5-tetrahydro-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)

230615-57-3 CAPLUS Acetamide, N-[2,3,4,5-tetrahydro-3-(trifluoroacety1)-1,5-methano-1H-3-benzazepin-7-yl]- (9CI) (CA INDEX NAME)

L22 ANSWER 21 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

IT 230615-48-2P 230615-50-6P 230615-51-7P
230615-56-2P 230615-56-0P 230615-55-1P
230615-56-2P 230615-56-0P 230615-68-4P
230615-67-0P 230615-63-1P 230615-64-2P
230615-67-0P 230615-63-0P 230615-67-5P
230615-68-6P 230615-66-4P 230615-67-5P
230615-78-2P 230615-79-2P 230615-70-0P
230615-71-1P 230615-72-2P 230615-70-0P
230615-71-1P 230615-72-2P 230615-77-7P
230615-78-0P 230615-78-9P 230615-69-2P
230615-78-0P 230615-78-9P 230615-68-8P
230615-98-0P 230615-98-0P 230615-68-8P
230615-90-4P 230615-92-4P 230615-98-1P
230615-90-4P 230615-92-9P
RL: RCT (Reactant) SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of 1,5-methano-3-benzazepines and analogs as nicotinic receptor

(preparation of 1,3-merces - 1,5-merces - 1,

230615-50-6 CAPLUS
1,5-Methano-IH-3-benzazepine, 7-fluoro-2,3,4,5-tetrahydro-3-(phenylmethyl)-(9CI) (CA INDEX NAME)

230615-51-7 CAPLUS 1,5-Methano-IH-3-benzazepine, 2,3,4,5-tetrahydro-3-(trifluoroacetyl)-(9C1) (CA INDEX NAME)

RN 230615-53-9 CAPLUS

L22 ANSWER 21 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

230615-58-4 CAPLUS Ethanethioamide, N-[2,3,4,5-tetrahydro-3-(trifluoroacetyl)-1,5-methano-1H-3-benzazepin-7-yl]- (9CI) (CA INOEX NAME)

230615-59-5 CAPLUS
1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7,8-dinitro-3-(trifluoroacety1)- (9CI) (CA INDEX NAME)

230615-60-8 CAPLUS
1,5-Methano-3H-3-benzazepine-3-carboxylic acid, 1,2,4,5-tetrahydro-7,8-dinitro-,1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

230615-61-9 CAPLUS
1,5-Methano-3H-3-benzazepine-3-carboxylic acid, 7,8-diamino-1,2,4,5-tetrahydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

L22 ANSWER 21 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

$$t\text{-BuO-} \underset{\text{NH}_2}{\text{c}} \\ \text{NH}_2$$

RN 230615-62-0 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine-7(1H)-carboxylic acid,
5,6,8,9-tetrahydro-2-methyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 230615-63-1 CAPMUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine-7(lH)-carboxylic acid,
S,6,8,9-tetrahydro-2-methyl-1-propyl-, 1,1-dimethylethyl ester (9CI) (CA
INDEX NAME)

RN 230615-64-2 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine-7(IH)-carboxylic acid,
5,6,8,9-tectahydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 230615-65-3 CAPLUS
CN 1,5-Hethano-3H-3-benzazepine-3-carboxylic acid, 7-(butylamino)-1,2,4,5-tetrahydro-8-nitor-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

L22 ANSWER 21 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)
RN 230615-69-7 CAPLUS
CN 1,5-Methano-1H-3-benzazepine-7,8-diamine, 2,3,4,5-tetrahydro-3(trifluoroacetyl)- (9CI) (CA INDEX NAME)

RN 230615-70-0 CAPLUS
CN 6,10-Methano-6ft-pyrazino[2,3-h][3]benzazepine, 7,8,9,10-tetrahydro-8-(trifluoroacetyl)- [9C1) (CA INDEX NAME)

RN 230615-71-1 CAPLUS
CN 1,5-Methano-lH-3-benzazepin-7-ol, 2,3,4,5-tetrahydro-8-nitro-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)

RN 230615-72-2 CAPLUS
CN 1,5-Methano-1H-3-benzazepin-7-ol, 8-amino-2,3,4,5-tetrahydro-3-(trifluoroacetyl)- (9Cl) (CA INDEX NAME)

RN 230615-73-3 CAPLUS
CN 5,9-Methano-5H-oxazolo(4,5-h)[3]benzazepine, 6,7,8,9-tetrahydro-7-(trifluoroacety)]- (9C1) (CA INDEX NAME)

1.22 ANSWER 21 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

RN 230615-66-4 CAPLUS CN 1,5-Methano-3H-3-benzazepine-3-carboxylic acid, 7-amino-8-(butylamino)-1,2,4,5-tetrahydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 230615-67-5 CAPLUS
CN 5,9-Methanoimidazo[4,5-h][3]benzazepine-7(1H)-carboxylic acid,
1-butyl-5,6,8,9-tetrahydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX

RN 230615-68-6 CAPLUS S,9-Methanoimidazo[4,5-h][3]benzazepine-7(1H)-carboxylic acid, 5,6,8,9-tetrahydro-2-methyl-1-(2-methylpropyl)-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

L22 ANSWER 21 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

RN 230615-74-4 CAPLUS CN 5,9-Methano-5H-oxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-2-methyl-7-(trifluoroacetyl)- (9Cl) (CA INDEX NAME)

RN 230615-76-6 CAPLUS CN 1,5-Methano-1H-3-benzazepine, 7-chloro-2,3,4,5-tetrahydro-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)

RN 230615-77-7 CAPLUS CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-iodo-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)

RN 230615-78-8 CAPLUS
CN 1,5-Hethano-3H-3-benzazepine-3-carboxylic acid, 1,2,4,5-tetrahydro-7-iodo, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

L22 ANSWER 21 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

RN 230615-79-9 CAPLUS
CN 1,5-Methano-3H-3-benzazepine-3-carboxylic acid, 7-cyano-1,2,4,5-tetrahydro,1,1-dimethylethyl ester (9C1) (CA INDEX NAME)

RN 230615-80-2 CAPLUS
CN 1,5-Methano-1H-3-benzazepine, 7-acetyl-2,3,4,5-tetrahydro-3(trifluoroacetyl)- (9CI) (CA INDEX NAME)

RN 230615-81-3 CAPLUS
CN 1,5-Methano-3H:3-benzazepine-3-carboxylic acid, 7-acetyl-1,2,4,5-tetrahydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 230615-82-4 CAPLUS
CN 1,5-Methano-1H-3-benzazepin-7-ol, 2,3,4,5-tetrahydro-3-(trifluoroacetyl)-,
acetate (ester) (9CI) (CA INDEX NAME)

RN 230615-83-5 CAPLUS CN 1,5-Methano-1H-3-benzazepin-7-ol, 2,3,4,5-tetrahydro-3-(trifluoroacetyl)-

L22 ANSWER 21 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

RN 230615-88-0 CAPLUS CN 1,5-Methano-1H-3-benzazepine, 7,8-dichloro-2,3,4,5-tetrahydro-3-(trifluoroactyl)- (9CI) (CA INDEX NAME)

RN 230615-89-1 CAPLUS
CN 1,5-Hethano-1H-3-benzazepine-7-gulfonyl chloride, 2,3,4,5-tetrahydro-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)

RN 230615-90-4 CAPLUS
CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-7-(1-pyrrolidinylsulfonyl)-3-(trifluoroacetyl)- (9CI) (CA INDEX NAME)

RN 230615-92-6 CAPLUS
CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-6-iodo-3-{phenylmethyl}-{9CI} (CA INDEX NAME)

L22 ANSWER 21 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued (9C1) (CA INDEX NAME)

RN 230615-84-6 CAPLUS
CN 1,5-Methano-1H-3-benzazepin-7-ol, 8-acety1-2,3,4,5-tetrahydro-3-(trifluoroacety1)- (9C1) (CA INDEX NAME)

RN 230615-85-7 CAPLUS
CN 1,5-Methano-1H-3-benzazepin-7-ol, 2,3,4,5-tetrahydro-8-[1-(hydroxyimino)-ethyl]-3-(trifluoroacetyl)- (9C1) (CA INDEX NAME)

RN 230615-86-8 CAPLUS
CN 5,9-Methano-5H-isoxazolo[4,5-h][3]benzazepine, 6,7,8,9-tetrahydro-3-methyl-7-(trifluoroacetyl)- (9Cl) (CA INDEX NAME)

RN 230615-87-9 CAPLUS
CN 1,5-Hethano-1H-3-benzazepine-7-propanamine, 2,3,4,5-tetrahydro-N,N-dimethyl-y-oxo-3-(trifluoroacetyl)- (9C1) (CA INDEX NAME)

L22 ANSWER 21 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued

RN 230615-93-7 CAPLUS
CN 1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-6-phenyl-3-(phenylmethyl)(9Cl) (CA INDEX NAME)

RN 230615-94-8 CAPLUS
CN Boronic acid, [2,3,4,5-tetrahydro-3-(phenylmethyl)-1,5-methano-1H-3-benzaepin-6-yl]/- (9GI) (CA INDEX NAME)

RN 230615-95-9 CAPLUS
CN 1,5-Methano-1H-3-benzazepin-6-ol, 2,3,4,5-tetrahydro-3-(phenylmethyl){9Cl} (CA INDEX NAME)

REFERENCE COUNT:

THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L22 ANSWER 22 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1989:423537 CAPLUS
TITLE: 111:23537
INVENTOR(5): 5tack, Gary Faul: Golobish, Thomas David;
Abou-Gharbia, Magid Abdel Megid
American Home Products Corp., USA
EAGLING AMERICAN FOR ADPLIE
DOCUMENT TYPE: LANGUAGE: PAPLIY ACC. NUM. COUNT: 1
EAGLING AMERICAN FOR ADMINISTRATION FOR ADMINIST

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PAT				KIND	DATE	APPLICATION NO.	DATE

		63			19881012	EP 1988-302499	19880322
EP		63					
	R:	ΑT,	BE,	CH, D		T, LI, LU, NL, SE	
บร	479	488		A	19890110	US 1987-34820	19870403
CA	1306	251		A1	19920811	CA 1988-561882	
GB	2203	428		A1	19881019	GB 1988-6778	19880322
GB	2203	428		B2	19901031		
AT	6355	1		E	19910615	AT 1988-302499	19880322
ES	2039	617		Т3	19931001	ES 1988-302499	19880322
AU	891	512		A1	19881006	AU 1988-13512	19880323
All	5974	80		B2	19900531		
		1529		A1	19881006	WO 1988-US973	19880331
		DK.	JP.				
JР	0150	2756		T2	19890921	JP 1988-503414	19880331
us	4824	1999		A	19890425	US 1988-248769	19880923
DK	880	5738		A	19881202	DK 1988-6738	19881202
	905			A1	19900628	AU 1990-51158	19900308
	6179			B2	19911205		
PRIORIT			INFO.			1987-34820	19870403
						1988-302499	19880322
						1988-US973	19880331

MO 1986-059/3 1988033 CASREACT 111:23537; MARPAT 111:23537 OTHER SOURCE(S):

L22 ANSWER 22 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

121305-55-3 CAPLUS
1,5-Methano-H1-3-benzazepine-2,4(3H,5H)-dione, 3-[4-[4-(6-chloropyrazinyl)-1-plperazinyl]butyl]- (9CI) (CA INDEX MAME)

121305-69-9 CAPLUS 1,5-Methano-1H-3-benzazepine-2,4(3H,5H)-dione, 3-(4-[4-(2-pytimidinyl)-1-piperazinyl]butyl]-, dihydrochloride (9CI) (CA INDEX NAME)

●2 HC1

121305-70-2 CAPLUS
1,5-Methano-H-1-3-benzazepine-2,4(3H,5H)-dione, 3-[4-[4-(6-chloropyrazinyl)-1-piperazinyl])-, monohydrochloride (9CI) (CA [NDEX NAME)

• HC1

L22 ANSWER 22 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

The title compds. [I; R = (halo)-2-pyrimidinyl, (halo)pyrazinyl, (halo)quinolinyl, (un)substituted Ph, pyridinyl; RIR2 = C3-5 alkylene, C3-5 alkeylene, polycyclic alkanediyl moiety Q, Ql, atoms to complete a fused benzo ring; X = R3R4C, S, SO, SO2; R3, R4 = H, C1-4 alkyl; R3R4 = C2-4 alkylene; Y = CH2, CH2CH2, O, S; n = 2-5; dotted line represents optional double bond] and their pharmaceutically acceptable salts were prepared as psychotropic agents, useful as antipsychotics and anxiolytics. Bicyclo(3, 3, 0) octane-Z, 4-dicaboxylic acid was refluxed 3 h in Ac20 to give its anhydride which was refluxed 48 h with 1-(4-aminobutyl)-4-(trifluoromethyl)piperazine in xylene to give, after acidification, methanocyclopentazepinedione II. In rats, II inhibited the conditioned ayouncephine-induced stereotypy and climbing behavior with ED50 of 42.37 and 18.99 mg/kg orally, resp. 121305-42*P 121305-55-3P 121305-69-9P 121305-34-2*P 121305-55-3P 121305-69-9P 121305-42*P 121305-55-3P 121305-69-9P 121305-64-2*P 121305-61-53*P 121305-61-53*P

L22 ANSWER 22 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

(Continued)

L22 ANSWER 23 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1979:432639 CAPLUS
DOCUMENT NUMBER: 91:32639 SYNTHEM: 91:32639

AUTHOR(S): 5,4,5-tetrahydro-1,5-methano-1H-3-benzazepines
Mazzoochi, Paul H.1 Stahly, Barbara C.
CORPORATE SOURCE: 6Dp. Chem., Univ. Maryland, College Park, MD, USA
JOURNAI OF Medicinal Chemistry (1979), 22(4), 455-7
CODEN: JMCMAR: ISSN: 0022-2623 DOCUMENT TYPE: LANGUAGE: OTHER SOURCE(S): GI English CASREACT 91:32639 The title compds. I (R = H, alkyl, allyl, etc.) were prepared from 2,3-dioxobenzonorbornene. 3-Allyl-2,3,4,5-tetrahydro-1,5-methano-IH-3-benzazepine oxalate (I:1) showed a slight antinooiceptive activity in the mouse hot-plate assay and little antagonistic activity in the tail-flick assay. None of other I showed significant analgesic activity and all except 2,3,4,5-tetrahydro-3-(2-phenylethyl)-1,5-methano-IH-3-benzazepine oxalate (I:1) were toxic. Structure-activity relations are discussed. 6918-72-59
RI: RCT (Reactant); SFN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (preparation and alkylation of) 69718-72-5 CAPLUS
1,5-Methano-IH-3-benzazepine, 2,3,4,5-tetrahydro- (9CI) (CA INDEX NAME) 69718-73-6P 69718-78-1P 69718-80-5P 69718-83-8P 69718-85-0P 69718-87-2P 69718-03-94 F318-05-00 69718-07-20 69718-09-4P RL: SPN (Synthetic preparation); PREP (Preparation) (preparation and analgesic and narcotic antagonist activities of) 69718-73-6 CAPUS 1,5-Methano-1HT-3-benzazepine, 2,3,4,5-tetrahydro-, ethanedioate (1:1) (SCI) (CA INDEX NAME) CM 1 CRN 69718-72-5 CMF C11 H13 N L22 ANSWER 23 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN CMF C19 H21 N CM 2 CRN 144-62-7 CMF C2 H2 04 0 0 || || но-с-с-он 69718-83-8 CAPLUS
1,5-Methano-HI-3-benzazepine, 3-(cyclopropylmethyl)-2,3,4,5-tetrahydro-,ethanedioate (1:1) (9CI) (CA INDEX NAME) CM 1 CM 2 69718-85-0 CAPLUS 1,5-Methano-IH-3-Denzazepine, 2,3,4,5-tetrahydro-3-propyl-, ethanedioate (1:1) (9CI) (CA INDEX NAME) СМ 1 CRN 69718-84-9 CMF C14 H19 N

CM O O 69718-78-1 CAPLUS
1,5-Methano-1H-3-Denzazepine, 2,3,4,5-tetrahydro-3-methyl-, ethanedioate
(1:1) (9C1) (CA INDEX NAME) CRN 69718-77-0 CMF C12 H15 N СM 2 CRN 144-62-7 CMF C2 H2 O4 о о || || | о 69718-80-5 CAPLUS 1,5-Methano-III-3-benzazepine, 2,3,4,5-tetrahydro-3-(2-phenylethyl)-, ethanedioate (1:1) (9C1) (CA INDEX NAME) CRN 69718-79-2 L22 ANSWER 23 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN CM 2 о о || || |- с– с– он 69718-87-2 CAPLUS 1,5-Methano-IH-3-benzazepine, 2,3,4,5-tetrahydro-3-(2-propenyl)-, ethanedioate (1:1) (9CI) (CA INDEX NAME) CM 1 CRN 69718-86-1 CMF C14 H17 N 2 69718-89-4 CAPLUS
1,5-Methano-IH-3-benzazepine, 2,3,4,5-tetrahydro-3-{3-methyl-2-butenyl}-,
ethanedioate (1:1) [9CI] (CA INDEX NAME) CRN 69718-88-3 CMF C16 H21 N

L22 ANSWER 23 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

(Continued)

L22 ANSWER 23 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

CM 2 CRN 144-62-7 CMF C2 H2 O4

69718-76-9P 69718-81-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (preparation and reduction of) 69718-76-9 CAPUS 1,5-Methano-1H-3-benzazepine-2,4(3H,5H)-dione (9CI) (CA INDEX NAME)



69718-81-6 CAPLUS 1,5-Methano-IH-3-Denzazepine, 3-(cyclopropylcarbonyl)-2,3,4,5-tetrahydro-(901) (CA INDEX NAME)



69718-77-0P 69718-84-9P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
69718-77-0 CAPUS
1,5-Methano-1H-3-benzazepine, 2,3,4,5-tetrahydro-3-methyl- (9CI) (CA
INDEX NAME)

L22 ANSWER 23 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

69718-84-9 CAPLUS 1,5-Methano-lH-3-benzazepine, 2,3,4,5-tetrahydro-3-propyl- (9CI) (CA INDEX NAME)